IIT ROORKEE

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

NPTEL

NPTEL ONLINE CERTIFICATION COURSE

INTRODUCTION TO INTERACTION DESIGN

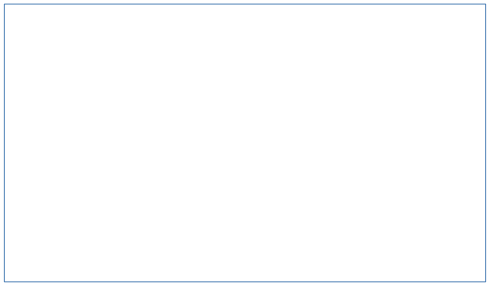
Lecture 18

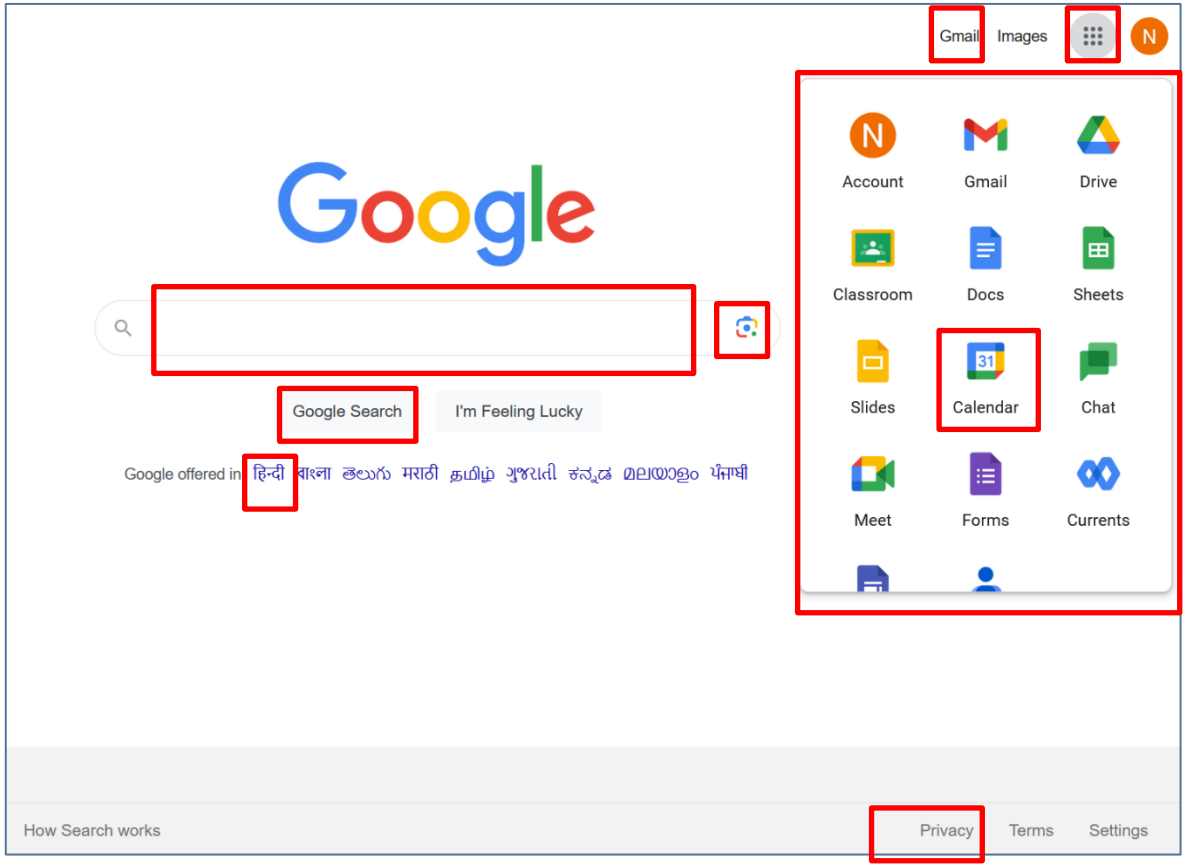
Elements of User Interface

Prof. Sonal Atreya

DEPARTMENT OF DESIGN

Elements of User Interface




Gmail
Images
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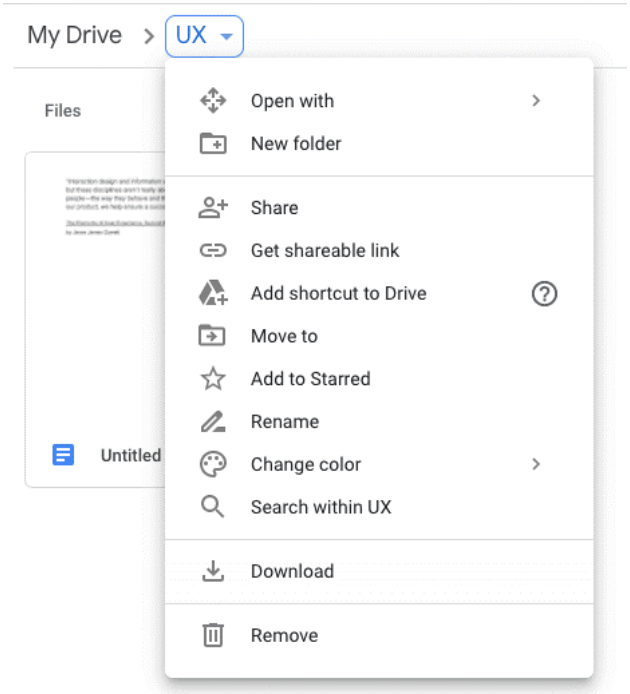
I'm Feeling Lucky
Google offered in: हिन्दी বাংলা తెలుగు मराठी தமிழ் ગુજરાતી ಕನ್ನಡ മലയാളം ਪੰਜਾਬੀ
Account
Gmail
Drive
Classroom
Docs
Sheets
Slides
Calendar
Chat
Meet
Forms
Currents
How Search works
Privacy
Terms
Settings

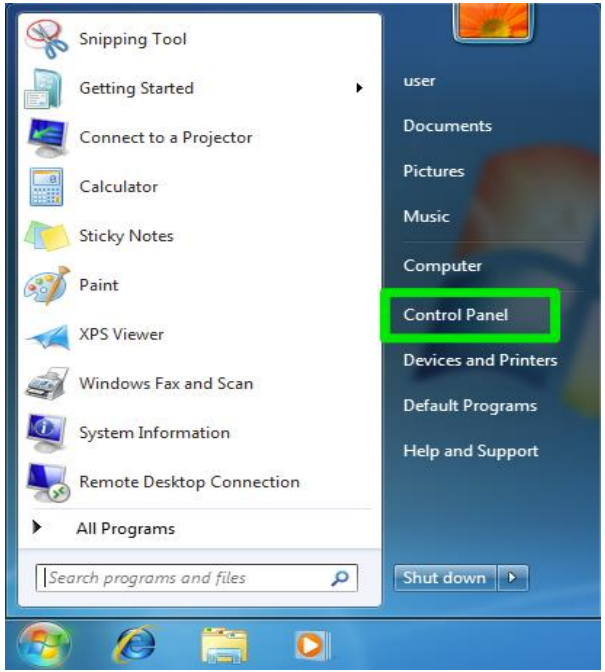
Components of User Interfaces

- Button
- Menus
- Icons
- Progress Indicators
- Accordions
- Navigation Bars
- Tabs
- Radio Buttons
- Check Boxes
- Modals
- Text Fields
- Date Pickers

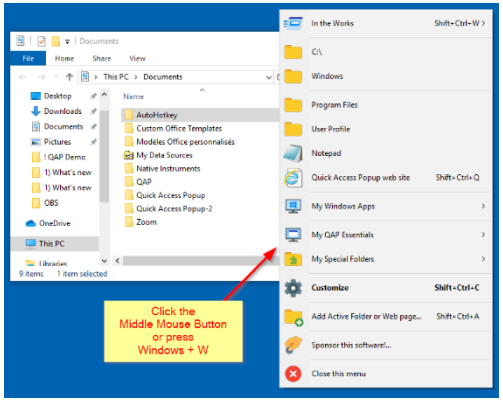
and more

Menu

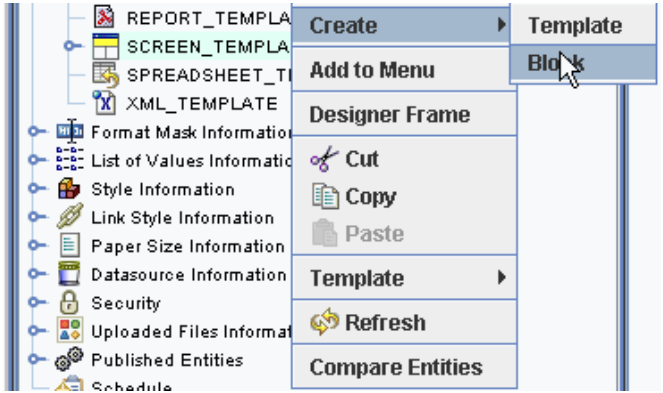




Source: Google images



POP-UP MENU



CASCADING MENU

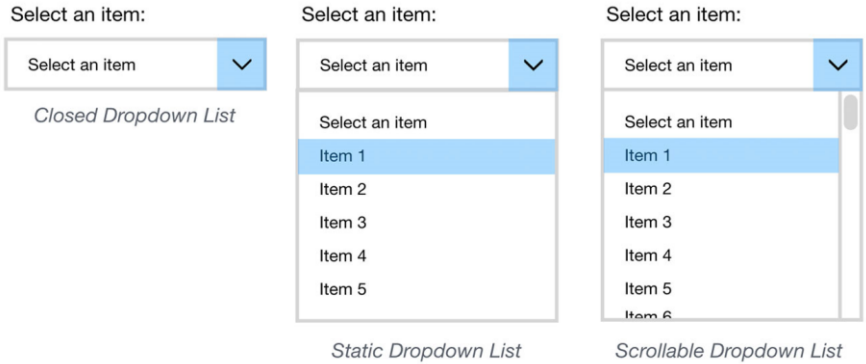
Source: Google images

Few different types of menus:

Pop-up menu
Graphical drop-down menu
Cascading menu
Pull-down menu
Moving bar menu
Tear-off menu

DROP- DOWN LISTS

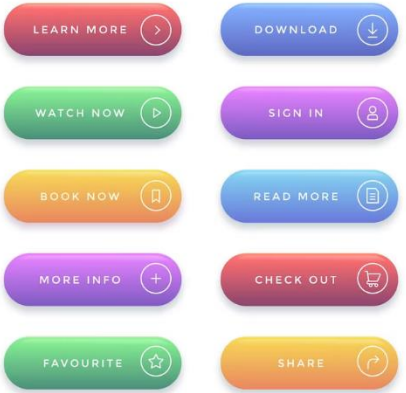
- In their simplest form, dropdown lists contain four main parts: a **container box**, a **downward-facing arrow button**, a **list of items**, and a **label**.
- Users can click on the down-arrow to display a list of mutually-exclusive items from which they can select only one.
- With dropdown lists, the selected option or default value remains visible in the container box, while the other list items appear only after clicking on the down-arrow.

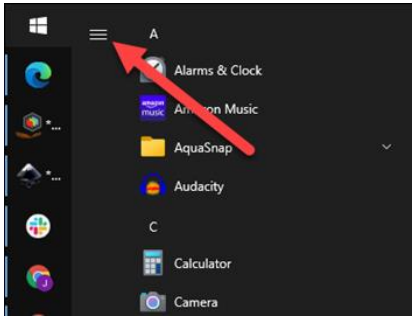


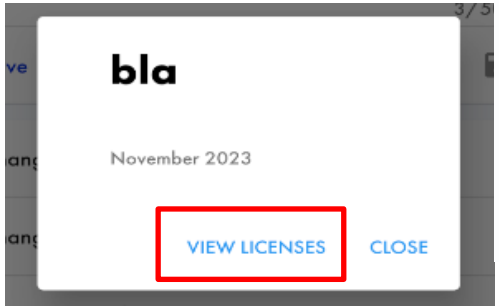
Source: Google images

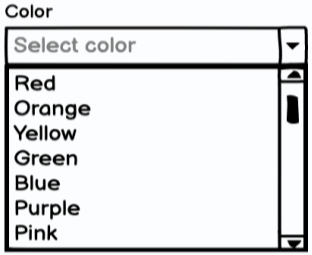
BUTTONS

- A button is an interactive element that enables to get the expected interactive feedback from the system following a particular command.
- Basically, a button is a control that allows a user to directly communicate with the digital product and send the necessary commands to achieve a particular goal.









Source: Google images, Freepik

1. Make Sure it Stays Top of Mind

2. Emphasize the Primary Conversion

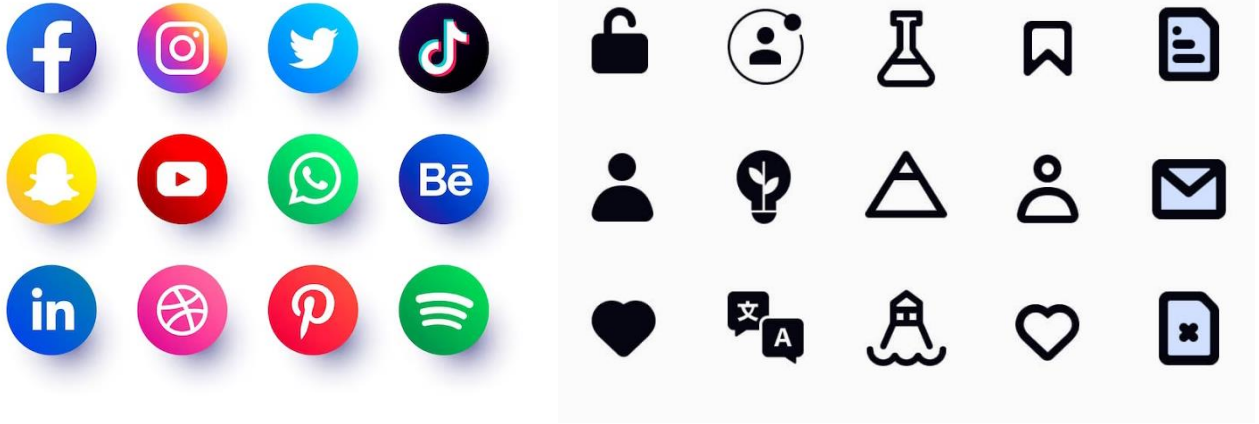
3. Showcase Opportunities

A call-to-action (CTA)

Icons

Small graphical representation of a program, feature, or file.

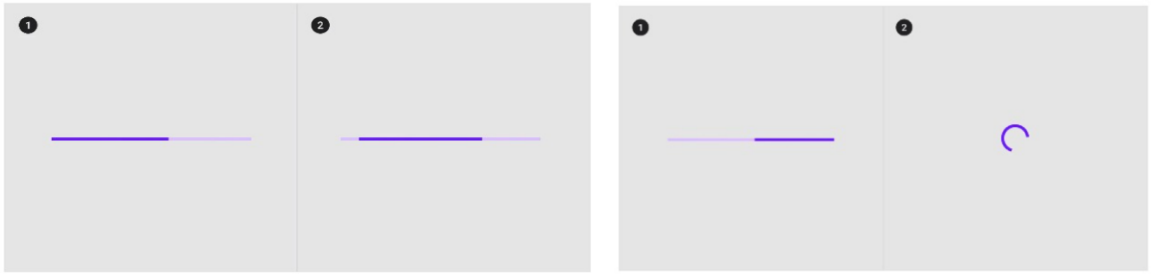
An icon can resonate with a real-life object like a lock to denote that it will unlock and lock the particular feature of an application



PROGRESS INDICATORS AND METERS

A progress indicator is a way of informing the user of the system status and provide immediate feedback.

Meters are visual representations of a quantity or an achievement. Their progress is determined by user actions, rather than system actions.



Determinate Indeterminate Linear Circular

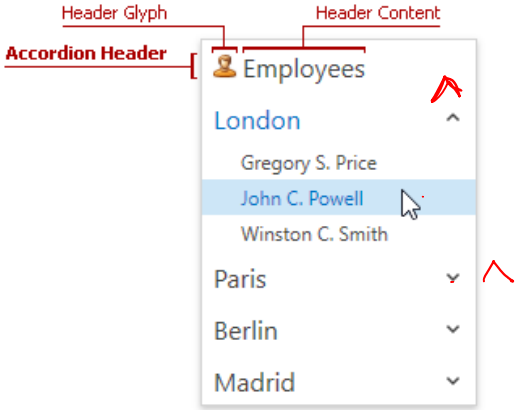
Source: Google images, Freepik

ACCORDION

An accordion is a menu composed of vertically stacked headers that reveal more details when triggered (often by a mouse click).

ACCORDION UI

Headers: They contain section titles. These are meant to be brief but descriptive enough to indicate what the reader can expect to learn more about by clicking.



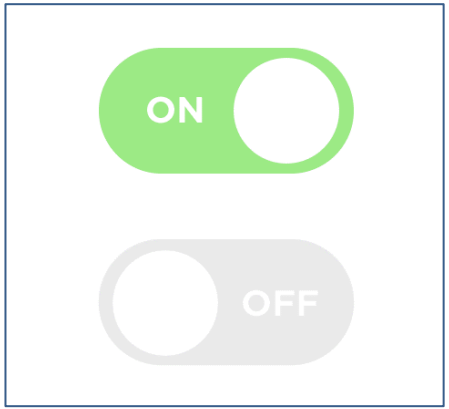
Source: Google images

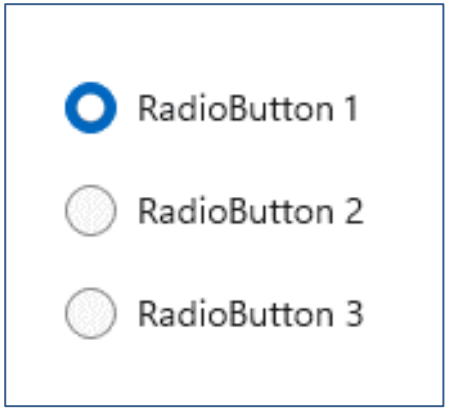
Panels: Panels are sections of content associated with each header. By default, panels are typically hidden and revealed when a user clicks on a header or icon in the menu.

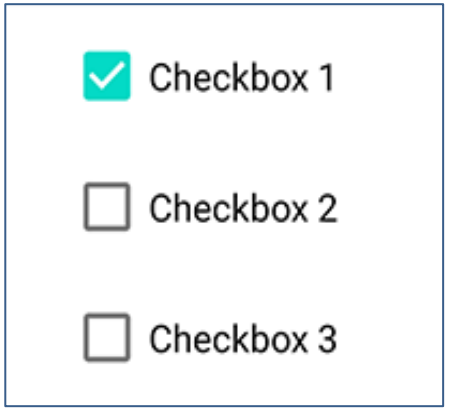
Icons : Icons, which typically appear to the left or right of the section titles, indicate there's more content available if clicked.

Source: Google images

Switches, Radio Buttons & Checkboxes







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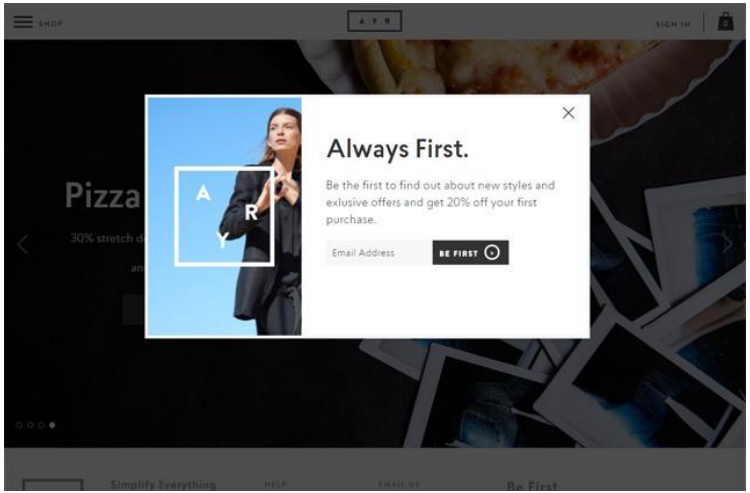
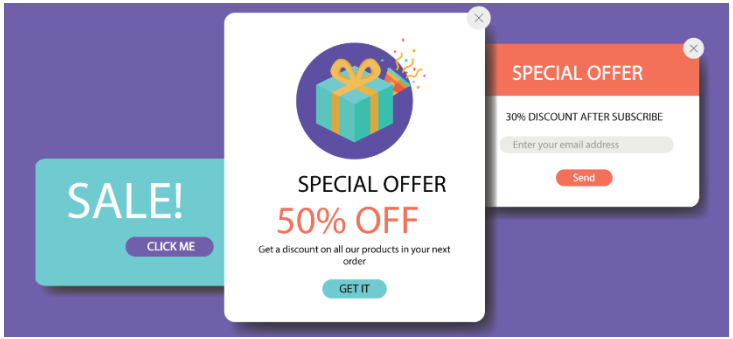
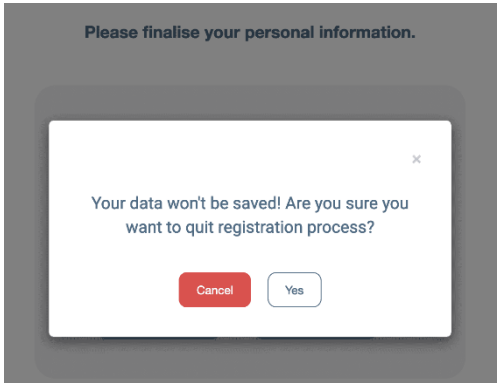
Modal windows







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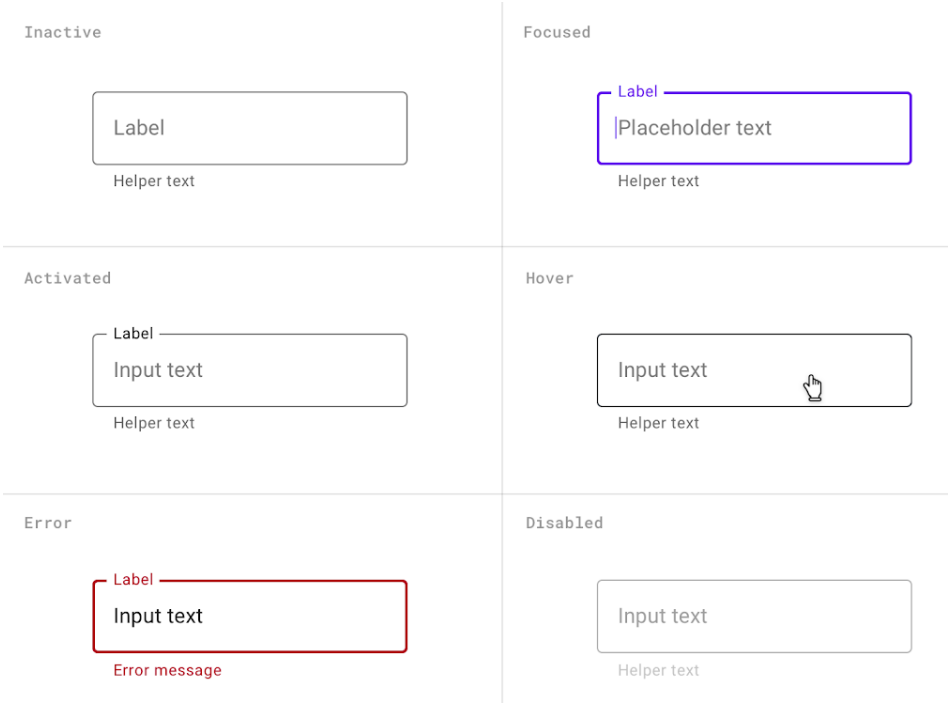
Text Fields



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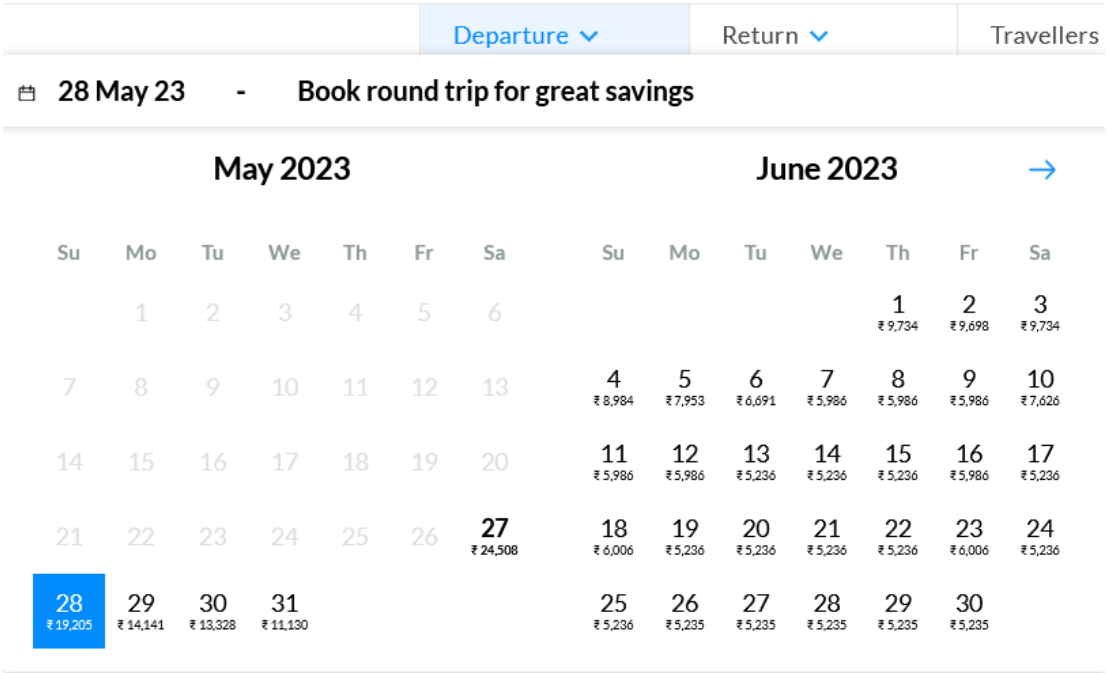
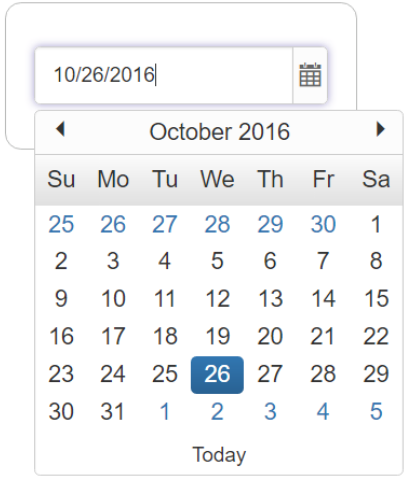
Date Pickers





Source: Google images

Thank You