Input

- `input` : Reads a number from user input.

- You can assign (store) the result of `input` into a variable.

  - Example:
    age = input("How old are you? ")
    ```
    print "Your age is", age
    print "You are", 48 - age, "years younger
    than me"
    ```

    Output:

    ```
    How old are you? 25
    Your age is 25
    You are 23 years younger than me
    ```

Raw Input

- Raw_input : Reads a string from user input.

- You can assign (store) the result of raw_input into a variable.
  - Example:
    ```
    name = raw_input("Enter your name ")
     age = input("How old are you? ")
    print "Your name is", name, "and you are",
    age, "years old"
    ```

  Output:

  Enter your name: Harish
  How old are you? 40
  Your name is Harish and you are 40 years old

if

- **`if` statement**: Executes a group of statements only if a certain condition is true. Otherwise, the statements are skipped.

  - Syntax:
    ```
    if condition:
          statements
    ```

- Example:
  ```
  gpa = 3.4
  if gpa > 2.0:
        print "Your application is accepted."
  ```

if/else & elif

- **if/else statement**: Executes one block of statements if a certain condition is True, and a second block of statements if it is False.
    - Syntax:
    ```
    if condition:
        statements
    else:
        statements
    ```

- Multiple conditions can be chained with `elif` ("else if"):
    ```
    if condition:
        statements
    elif condition:
        statements
    else:
        statements
    ```

Exercise

2.1 Write a program to take three number and print the largest number.

2.2 Find largest and smallest number from the given 4 numbers.

Thanks