

## PROGRAMMING FUNDAMENTALS ASSIGNMENT#01

1. Write a C++ Program which takes a The age of user an input and display's the following message:

```
Enter your age: 12
You are 12 old
-----
Process exited after 2.68 seconds with return value 0
Press any key to continue . . .
```

Note: Use appropriate data type and meaningful variable name to store user's age.

2. Do the following steps:
  - a. Create a **local constant variable** named **PI** which stores a value of 3.14, choose data type wisely!
  - b. Create a **global constant variable** named **PI** which stores a value of 3.14, choose data type wisely!
  - c. Inside main function, print the value of **global variable PI** (Hint: Use appropriate **operator** to resolve the conflict)
3. Create two local variables inside main function, both named as **age**, try to run the code and report the error that you get after executing the code.
4. Follow the steps:
  - a. Create a variable named as **weight1** and store weight of a person which is 75.44
  - b. Create another variable named as **weight2** and store 55.2
  - c. Print the values of both the variables **weight1** and **weight2**
  - d. Now assign the value of **weight2** to **weight1**
  - e. Print the values of both the variables **weight1** and **weight2**
5. Write a program to take following inputs:
  - a. Gender of the user (can be either M or F, a single character), you will create a variable named **gender**, that will store the user input.
  - b. First Name of the user, you will create a variable named **first\_name**, that will store the user input.
  - c. Height of the user, you will create a variable named **user\_height**, that will store the user input.
  - d. Whether the user is above 18 years old or not, you will create a variable named **choice**, that will store the user input. (Choice can be either true or false)

Note: Choose Appropriate Data type for each of the mentioned variable in Task 5