****

**Assignment 01**

**Question: 1**Write a program that asks the user for their name and greets them with their name. (e.g., Hello Asad!).

**Question: 2**Write a function that checks whether a number is even or odd.

**Question: 3**Write a program that asks a user for 2 numbers and show their sum.

**Question: 4**Write a function that checks whether an element occurs in a list.

**Question: 5**Write a function that returns the largest element in a list.

**Question: 6**Write a program that asks a user for number and prints the multiplication table of that number

**Question: 7**Write a function that returns the elements on odd positions in a list.

**Question: 8**Write a function that checks whether a number is prime or not.

**Pattern Questions:**

**Question: 9**

9. Print this pattern: (using multiple prints and then by loop)

\*

\*\*

\*\*\*

\*\*\*\*

\*\*\*\*\*

**Question: 10**Print this pattern using loops:

1

12

123

1234

12345