

HW2

# Q1

- Write a Python program which accepts the radius of a circle from the user and compute the area.

*Sample Output :*

r = 1.1

Area = 3.8013271108436504

## Q2

- Write a Python program to display the first and last colors from the following list.

```
color_list = ["Red","Green","White" ,"Black"]
```

## Q3

- Write a Python program to check whether a specified value is contained in a group of values.

*Test Data :*

3 -> [1, 5, 8, 3] : True

-1 -> [1, 5, 8, 3] : False

## Q4

- Write a Python program to print out a set containing all the colors from color\_list\_1 which are not present in color\_list\_2.

*Test Data :*

```
color_list_1 = set(["White", "Black", "Red"])
```

```
color_list_2 = set(["Red", "Green"])
```

*Expected Output :*

```
{'Black', 'White'}
```

## Q5

- Write a Python program to input a number, if it is not a number generate an error message.