Outputs of Today's Lab programs(19/11/2023)

1. Largest number

```
1  #LAB 2 19/11/2023
2  #Write a python program using function to find the largest element in the list
3  def max_num(list):
4      max = list[0]
5      for a in list:
6          if a > max:
7              max = a
8      return max
9  print(max_num([14, 10, -6, 9]))
```

```
14
...Program finished with exit code 0
Press ENTER to exit console.
```

2.hexagon

```
input
Enter the side length of the hexagon: 52
The area of the hexagon with side length 52.0 is: 7025.20

...Program finished with exit code 0
Press ENTER to exit console.
```
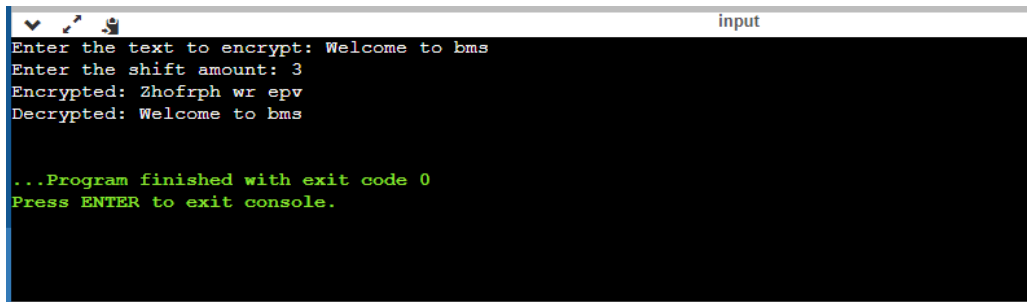
3.email

```
Enter your email address
_jkk.com
Invalid email


...Program finished with exit code 0
Press ENTER to exit console.
```

```
input
Enter your email address
agurkf@gmail.com
Valid email


...Program finished with exit code 0
Press ENTER to exit console.
```
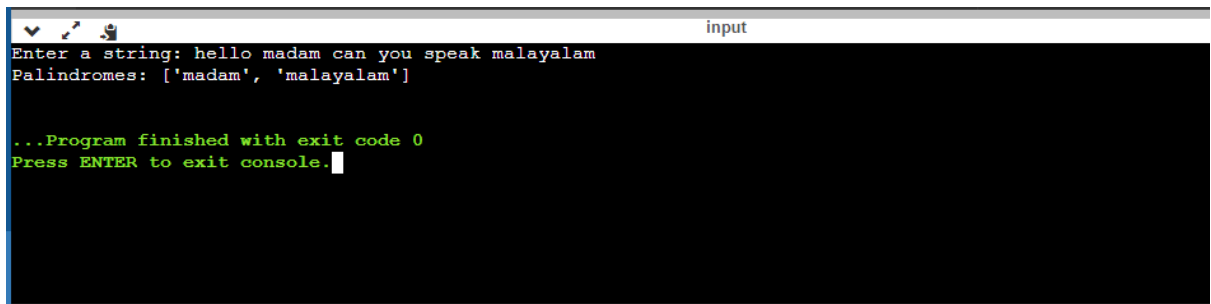
4.Encrypt

```
Enter the text to encrypt: Welcome to bms
Enter the shift amount: 3
Encrypted: Zhofrph wr epv
Decrypted: Welcome to bms


...Program finished with exit code 0
Press ENTER to exit console.
```

5.palindrome

```
Enter a string: hello madam can you speak malayalam
Palindromes: ['madam', 'malayalam']


...Program finished with exit code 0
Press ENTER to exit console.
```