

Assignment 2

1.

```
i= int(input("Please enter a number "))
if i in range (1,10):
    print("YES")
else:
    print("Try again" )
```

Output:

Please enter a number 12

Try again

2.

```
I= int(input("Please enter a number"))
If I in range (1,20):
    print("YES")
else:
    print("Try again")
```

Output:

Please enter a number 15

YES

3.

```
n= int(input("Please enter no of cards in your hand"))
k=n//4
print("Please reduce ", k, "no of cards from your hand"))
```

Output:

Please enter o of cards in your hand: 14

Please reduce 7 no of cards from your hand

4.

```
import random
n = int(input("Please enter a positive number"))
k = n + 20
ran_int=random.randint(n,k)
if n<0:
print("Please enter positive number")
else:
print(ran_int,ran_int*"A")
```

Output:

Please enter a positive number:8

22 AAAAAAAAAAAAAAAAAAAAAAAAAA

5.

```
x = int(input("Please enter starting time:"))
y = int(input("Please enter ending time : "))
total_hr = abs(x-y)
charge = total_hr*5.5
if total_hr<=1:
print("work hrs can not calculated for less than one hr")
elif total_hr>23:
print("work hrs exceeded")
else:
```

```
print("your total charge is $", charge)
```

Output:

Please enter starting time:6

Please enter ending time:14

your total charge is \$44.0