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Paper	Mpl
Sem	8 th

Q2:

```
x="Iqra National University"
```

```
str.split("x")
```

```
x.append("Peshawar")
```

```
x.sort(reverse=true)
```

```
print ("I.N.U Peshawar")
```

Q1:

```
y="Iqra"
```

```
print ('\u0049', '\u0051', '\u0052', '\u0041')
```

Q3:

```
def maximumSum(z):
```

```
    maxi = 0
```

```
    # traversal in the lists
```

```
    for a in list1:
```

```
        sum = 0
```

```
        # traversal in list of lists
```

```
        for y in a:
```

```
            sum+= b
```

```
        maxi = max(sum, maxi)
```

```
    return maxi
```

```
z = [[4,5,9], [1,5,3], [0,8,12], [3,1,9]]
```

```
print maximumSum(z)
```

Q5:

```
def convertOpposite(str):
```

```
    ln = len(str)
```

```
    # Conversion according to ASCII values
```

```
    for i in range(ln):
```

```
        if str[i] >= 'a' and str[i] <= 'z':
```

```
            # Convert lowercase to uppercase
```

```
            str[i] = chr(ord(str[i]) - 32)
```

```
        elif str[i] >= 'A' and str[i] <= 'Z':
```

```
            # Convert lowercase to uppercase
```

```
            str[i] = chr(ord(str[i]) + 32)
```

```
# Driver code
if __name__ == "__main__":
    str = "staY Home And SaFe"
    str = list(str)

    # Calling the Function
    convertOpposite(str)

    str = ''.join(str)
    print(str)
```

Q4:

```
def first3(s):
    return s[:3]
n = 2
```

```
s1="INU"
```

```
count = 0
```

```
students=[]
```

```
for num in range(n):
```

```
xString=input("Enter IDs of students: ")
```

```
i = 5
```

```
for num in range(i):
```

```
if (len(xString)>=6) :
```

```
if((first3(students) == s1)
```

```
count++
```

```
Shell
Enter IDs of students: INU5432
Enter IDs of students: INU5544
INU5544
Enter IDs of students: 654323
Enter IDs of students: INU7654
Enter IDs of students: 998877
Student is Valid!
Student is Valid!
Student Not is Valid!
Student is Valid!
Student Not Valid!
Number of Valid students are :
3
```