

Name :- Hayat ahmad Khan

ID :- 14486

Subject :- Modern programming Language (MPL)

Department :- Computer Science

Assignment :- Mid-Term Examination

Teacher/instructor :- Muhammad Fahim ullah

University :- Iqbal national university  
Hayatabad phase II, Peshawar



-: Q1 :-

Part (a)

Solution:-

Print (4+4)

Print (15-7)

Print (2 \* 4)

Print (72/9)

Out put :-

8

8

8

8.0



-: Q1 :-

Part (b)

Solution:-

favourite\_number = "30"

message = "Happy" + str

(favourite\_number) + "th Marriage  
Anniversary"

Print (message)

Output :-

Happy 30th Marriage Anniversary



-: Q :-

Part (a)

Solution :-

```
list = ['Doctor', 'Teacher', 'Engineer']
```

```
message = "I invite you" + list[0] + " to Dinner
```

```
at 2:00 PM in peshawer Thanks." + "\n I
```

```
invite you" + list[1] + " to Dinner at
```

```
2:00 PM in peshawer Thanks." + "\n I
```

```
in vite you" + list[2] + " to Dinner
```

```
at 2:00 PM in peshawer Thanks."
```

```
Print (message)
```

Output :-

```
I invite you Doctor to Dinner at 2:00 PM  
in peshawer Thanks.
```

```
I invite you Teacher to Dinner at 2:00 PM  
in peshawer Thanks.
```

```
I invite you Engineer to Dinner at 2:00 PM  
in peshawer Thanks.
```



Q2:-

Part (b)

Solution:-

```
list = ['Doctor', 'Teacher', 'Engineer']
```

```
list[1] = 'Police man'
```

```
print(list)
```

```
Message = "I invite you" + list[0] + " to Dinner
```

```
at 2:00 PM in peshawer Thanks." + "In
```

```
I invite you" + list[1] + " to Dinner at
```

```
2:00 PM in peshawer Thanks." + "In I
```

```
invite you " + list[2] + " to Dinner
```

```
at 2:00 PM in peshawer Thanks."
```

```
print(Message)
```







-: 3 :-

Solution :-

```
places = ['Japan', 'India', 'Pakistan',  
          'America']
```

```
Print (places)
```

```
Print ("In Here is the sorted list.")
```

```
Print (sorted(places))
```

```
Print ("In Here is the original list.")
```

```
Print(places)
```

```
Print ("In Here is the sorted list.")
```

```
Print (sorted(places, reverse = True))
```

```
Print ("In Here is the original list again.")
```

```
Print (places)
```

```
Print ("In Here is the list in reverse  
order.")
```



```
places.reverse()
```

```
print (places)
```

```
print ("In Here is the list in reverse  
order again.")
```

```
places.reverse()
```

```
print (places)
```

```
print ("In Here is the sort list.")
```

```
places.sort()
```

```
print (places)
```

```
print ("In Here is the sort list in  
reverse.")
```

```
places.sort(reverse = True)
```

```
print (places)
```



(9)

Output :-

['Japan', 'India', 'Pakistan', 'America']

Here is the sorted list.

['America', 'India', 'Japan', 'Pakistan']

Here is the original list.

['Japan', 'India', 'Pakistan', 'America']

Here is the sorted list.

['Pakistan', 'Japan', 'India', 'America']

Here is the original list again.

['Japan', 'India', 'Pakistan', 'America']

Here is the list in reverse order.

['America', 'Pakistan', 'India', 'Japan']

Here is the list in reverse order again

['Japan', 'India', 'Pakistan', 'America']

P.T.O



Here is the sort list.

['America', 'India', 'Japan', 'Pakistan']

Here is the sort list in reverse

['Pakistan', 'Japan', 'India', 'America']