Q1

Input1.py

```
1  place = input("Enter your favourite place: ")
2  # Print your favourite place
3  print("My favourite place is:",place)
```

Q2

Print1.py

```
1  lang = input("Enter Language: ")
2  print("My Favourite Language is",lang)
```

Q3

Content to be reproduced

Print2.py

Successfully

```
name = "Pretty"
branch = "CSE"
score = "10"
print("Hello", name,"your branch is", branch,"and your score is", score)
```

Type here

Print2.py

```
name = "Pretty"
branch = "CSE"
score = "10"
print("Hello", name,"your branch is", branch,"and your score is", score)
```

Q4

Formatspecifier.py

```python
# Take an integer input from the user and store it in variable "a"
a=int(input("a: "))

# Take an integer input from the user and store it in variable "b"
b=int(input("b: "))
# print "a" value at 0 index and "b" value at 1 index

print("The value of a = {0}, b = {1} ".format(a,b))
# print by changing the index postions of "a" and "b" and observe the output
print("The value of a = {1}, b = {0} ".format(a,b))
```

Successfully sav

Q5

Formatspecifier.py

```python
# take float number from the user
point=float(input("a: "))

# print up to 2 decimal points
print("{:.2f}".format(point))

# print up to 6 decimal points
print("{:.6f}".format(point))
# take int number from the user
num=int(input("Enter b value: "))
# print the number with one space

print(num)
# print the number with two spaces
# print(num)
print ('{:2}'.format(num))
# print the number with three spaces
# print('',num)
# print ('{:3}'.format(num))
print("%3s"%num)
# print the given number b in octal form
print("octal:",oct(num)[2:])
# print the given input b in hexadecimal form
string=hex(num)[2:]
print("hex:",string.capitalize())

```

Q1

- [x] **Python** is used by most of the top companies.
- [x] By using **Python** we can implement GUI.
- [ ] **Python** is not sufficient to implement web based development.
- [ ] In Mathematics we are unable to use **Python**.
- [x] **Python** is a cross platform language.

Q2

100%

- [ ] In **Python** intermediate code is generated.
- [x] Compiler takes entire block of code as a single unit to check and identify the errors in program.
- [ ] Memory allocation is more in **Python** due to creation of Object code at the time of source code compilation.