

MIS:112315139

G-4

Name: vihaan

Q1)

```
main.py
1 import sys
2 print(sys.version)
```

Run Ask AI 62ms on 16:02:55, 08/07 ✓

3.10.14 (main, Mar 19 2024, 21:46:16) [GCC 13.2.0]

Q2)

```
main.py
1 import keyword
2 print("the set of keywords in this version is:")
3 print(keyword.kwlist)
```

Run Ask AI 62ms on 16:04:26, 08/07 ✓

the set of keywords in this version is:
['False', 'None', 'True', 'and', 'as', 'assert', 'async', 'await', 'break', 'class', 'continue', 'def', 'del', 'elif', 'else', 'except', 'finally', 'for', 'from', 'global', 'if', 'import', 'in', 'is', 'lambda', 'nonlocal', 'not', 'or', 'pass', 'raise', 'return', 'try', 'while', 'with', 'yield']

Q3)

```
main.py > ...  
1 name=input("what is your name :")  
2 age=int(input("what is your real age:"))  
3  
4 year=2024-age+100  
5 print(f"{name}, you will be reaching 100 years old in {year}")
```

Run Ask AI 6s on 16:07:40, 08/07 ✓

```
what is your name :vihaan  
what is your real age:18  
vihaan, you will be reaching 100 years old in 2106
```

Q4)

```
main.py > ...  
1 radius=input("enter thr radius of the circle:")  
2 print("the area of the circle is",3.14*int(radius)*int(radius))  
3
```

```
enter thr radius of the circle:3  
the area of th circle is 28.259999999999998
```

Q5)

```
main.py > ...  
1 x=input("enter a number:")  
2 if int(x)%2==0:  
3     print("even number")  
4 else:  
5     print("odd number")
```

```
enter a number:4
even number
```

Run

Ask AI

2s on 15:57:37, 08/07 ✓

```
enter a number:53
odd number
```

Q6)

```
main.py > ...
1 num=0.1+0.2
2 if num==0.3:
3     print("the solution is true")
4 else:
5     print("the solution is not true or false")
6
7 num=round(0.1+0.2,2)
8 if num==round(0.3,2):
9     print("it is true in decimal case")
10 else:
11     print("it is false")
```

Run

Ask AI

47ms on 16:51:21, 08/07 ✓

```
the solution is not true or false
it is true in decimal case
```

Q7)

```
main.py > ...
1 string1=input("enter the string ")
2 string2=input("enter the second string ")
3 l=string1[:2]
4 s=string2[:2]
5 new_string1=s+string1[2:]
6 new_string2=l+string2[2:]
7 print(new_string1,new_string2,sep=" ")
```

```
Run Ask AI 5s on 16:57:43, 08/07 ✓  
enter the string vihaan  
enter the second string pratap  
prhaan viatap
```

Q8)

```
1.py  
1 str=input("enter a string:")  
2 print(str.isidentifier())  
  
PS C:\Users\vihaa\Desktop\Python> python -u "c:\Users\vihaa\Desktop\Python\1.py"  
enter a string:ksudg3%uwf  
False  
PS C:\Users\vihaa\Desktop\Python> |
```

Q9)

```
main.py > f swap > ...  
1 def swap(string):  
2  
3  
4     start = string[0]  
5  
6  
7     end = string[-1]  
8  
9     swapped_string = end + string[1:-1] + start  
10    print(swapped_string)  
11  
12  
13    swap("Python")  
14  
  
nythoP  
  
nythoP
```

Q10)

```
1 str=input("enter a string:")  
2 print(str.upper())  
3 print(str.lower())
```

```
PS C:\Users\vihaa\Desktop\Python> python -u "c:\Users\vihaa\Desktop\Python\1.py"  
enter a string:Hello  
HELLO  
hello  
PS C:\Users\vihaa\Desktop\Python> █
```