

assignment₅

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1 question 1

An interpreter takes source code and converts it to source code as the code is being run.

A compiler converts source code to machine code before it is run.

2 question 2

```
x = int(input("enter first integer x: "))
y = int(input("enter second integer y: "))

print("sum -> ", x+y)
```

```
enter first integer x: 107
enter second integer y: 23
sum -> 130
```

3 question 3

str1[1:4] outputs "ell"
str1[:5] outputs "Hello"
str1[4:] outputs "o World"
the full output of the code is

ell Hello o World

4 question 4

```
one must imagine sisyphus happy  
number of spaces: 4  
position of first i: 9  
index of sisyphus: 17  
Press any key to continue . . .
```