```
fruits=["Apple","Peach","Pear"]
for fruit in fruits:
  print(fruit)
```

```
Apple
Peach
Pear
```

```
fruits=["Apple","Peach","Pear"]
for fruit in fruits:
  print(fruit)
  print(fruit+" Pie")
```

```
Apple
ApplePie
Peach
PeachPie
Pear
PearPie
```

```
student_heights = input("Input a list of student heights ").split()
for n in range(0, len(student_heights)):
  student_heights[n] = int(student_heights[n])
print(student_heights)
total_height=0
total_students=0
for height in student_heights:
  total_height=total_height+height
for student in student_heights:
  total_students=total_students+1
print(round(total_height/total_students))
```

```
Input a list of student heights 156 178 165 171 187
[156, 178, 165, 171, 187]
171
```

```
#78 65 89 86 55 91 64 89
student_scores = input("Input a list of student scores ").split()
for n in range(0, len(student_scores)):
  student_scores[n] = int(student_scores[n])
print(student_scores)
max_score=0
for score in student_scores:
  if score>max_score:
    max_score=score
print("The highest score in the class is:",max_score)
```

```
Input a list of student scores 78 65 89 86 55 91 64 89
[78, 65, 89, 86, 55, 91, 64, 89]
```

```
The highest score in the class is: 91
```

```
numbers=0
for number in range(1,101):
  numbers=numbers+number
print(numbers)
```

```
5050
```

```
total=0
for number in range(0,101,2):
  total=total+number
print(total)
```

```
2550
```

```
#FizzBuzz
contador=1
for·number·in·range(contador,16):
··if·number%5==0·and·number%3==0:
····print("FizzBuzz")
··elif·number%5==0:
····print("Buzz")
··elif·number%3==0:
····print("Fizz")
··else:
····print(number)
```

```
1
2
Fizz
4
Buzz
Fizz
7
8
Fizz
Buzz
11
Fizz
13
14
FizzBuzz
```

```
import random
letters_list = ['a', 'b', 'c', 'd', 'e', 'f', 'g', 'h', 'i', 'j', 'k', 'l', 'm', 'n', 'o', 'p
numbers_list = ['0', '1', '2', '3', '4', '5', '6', '7', '8', '9']
symbols_list = ['!', '#', '$', '%', '&', '(', ')', '*', '+']
l0=[]
n0=[]
```

```
s0=[]
print("Welcome to the PyPassword Generator!")
letters= int(input("How many letters would you like in your password?\n"))
for letter in range(1,letters+1):
  l1=random.choice(letters_list)
  l0.append(l1)
symbols = int(input(f"How many symbols would you like?\n"))
for symbol in range(1,symbols+1):
  s1=random.choice(symbols_list)
  s0.append(s1)
numbers = int(input(f"How many numbers would you like?\n"))
for number in range(1,numbers+1):
  n1=random.choice(numbers_list)
  n0.append(n1)
t0=l0+s0+n0
print(t0)
random.shuffle(t0)
print(t0)
password=''
for char in t0:
  password=password+char
print(f"Your password is: {password}")
```

```
Welcome to the PyPassword Generator!
How many letters would you like in your password?
12
How many symbols would you like?
3
How many numbers would you like?
2
['e', 'T', 'O', 'I', 'S', 'X', 'v', 'H', 'J', 'P', 'h', 'z', ')', '!', ')', '3', '9']
['9', 'I', 'X', 'J', ')', '!', ')', 'O', 'e', '3', 'h', 'S', 'v', 'H', 'P', 'T', 'z']
Your password is: 9IXJ)!)Oe3hSvHPTz
```

✓ 6s completed at 12:40