In [ ]:
```
# day 1 tressure game
```

In [3]:
```
print("welcome to tressure island")
print("your mission is to find the tressure")
c1=input('where do you want to go? "left" or "right".').lower()
if c1=="left":
    c2=input('there is an island in the middle of the lake.type "wait" to wait for a boat type "swim" to swim acros
    if c2=="wait":
        c3=input("you arrive at the island unharmed .there is a house with 3 doors.one red ,one yellow and one blue.
        if c3=="red":
            print('fire.game over')
        elif c3=="yellow":
            print('found tressure you win')
        elif c3=="blue":
            print('beasts .game over')
        else:
            print('door does not exhist.game over')
    else:
        print('you have been attacked by an angry trout.game over.')
else:
    print('you fell into hole.game over.')
```

```
welcome to tressure island
your mission is to find the tressure
where do you want to go? "left" or "right".right
you fell into hole.game over.
```

In [ ]:
```
# day 2 pizza order assignmnet
```

In [6]:
```
print('welcome to python pizza deliveries')
size=input('what size pizza do you want? s,m or l')
add_pepperoni=input('do you want pepperoni? y or n')
extra_cheese=input('do you want extra cheese? y or n')
bill=0
if size=='s':
    bill  +=15
elif size=='m':
    bill +=20
else:
    bill +=25
if add_pepperoni=='y':
    if size=='s':
        bill+=2
    else:
        bill+=3
if extra_cheese=='y':
    bill+=1
print(f'your final bill is {bill}')
```

```
welcome to python pizza deliveries
what size pizza do you want? s,m or lo
do you want pepperoni? y or nj
do you want extra cheese? y or nl
your final bill is 25
```

In [7]:
```
# day 3 random person to pay bill
```

In [34]:
```
import random
names_string=input("give me everybody's names, seperated by a comma. ")
names=names_string.split(", ")
num_items=len(names)
random_choice=random.randint(0,num_items - 1)
person_who_will_pay=names[random_choice]
print(person_who_will_pay + " is going to buy the meal today")
```

```
give me everybody's names, seperated by a comma. sudhi, manoj, teju, madan
sudhi is going to buy the meal today
```

In [35]:
```
# day 4 rock paper scissor assignment
```

In [46]:
```
rock='.'
papper=')'
scissor='%'
game_images=[rock,papper,scissor]
user_choice=int(input("what do you chose? type 0 for rock,1 for paper or 2 for scissor.\n"))
if user_choice >=3 or user_choice <0:
    print('you typed an invalid number, you lose')
else:
    print(game_images[user_choice])


    computer_choice=random.randint(0,2)
    print("computer choice")
    print("game_images[computer_choice]")

    if user_choice==0 and computer_choice==2:
        print("you win")
    elif computer_choice==0 and user_choice==2:
        print("you lose")
    elif computer_choice > user_choice:
        print("you lose")
    elif user_choice > computer_choice:
        print("you win")
    elif computer_choice==user_choice:
        print("it's a draw")
```

```
what do you chose? type 0 for rock,1 for paper or 2 for scissor.
2
%
computer choice
game_images[computer_choice]
you lose
```

In [1]:
```
# day 5
```

In [13]:
```
student_heights=input("input 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
for height in student_heights:
    total_height += height
print(total_height)

number_of_students=0
for student in student_heights:
    number_of_students += 1
print(number_of_students)

average_height=round(total_height/number_of_students)
print(average_height)
```

```
input list of student heights125 256 320 500 1000
[125, 256, 320, 500, 1000]
2201
5
440
```

In [14]:
```
#fizzbuzz problem
```

In [20]:
```
number=int(input('enter the number'))
for number in range (number):
    if number%3==0 and number%5==0:
        print('fizzbuzz')
    elif number%3==0:
        print('fizz')
    elif number%5==0:
        print('buzz')
    else:
        print(number)
```

```
enter the number16
fizzbuzz
1
2
fizz
4
buzz
fizz
7
8
fizz
buzz
11
fizz
13
14
fizzbuzz
```

In [21]:
```
#day 5 password generator
```

In [33]:
```
import random
letters=['a','b','c','d','e','f','g','h','i','j','k','l','m','n','o','p','q','r','s','t','u','v','w','x','y','z','A
    'C','D','E','F','G','H','I','J','K','L','M','N','O','P','Q','R','S','T','U','V','W','X','Y','Z']
numbers=['0','1','2','3','4','5','6','7','8','9']
symbols=['!','#','$','%','^','*','(',')','+']

print("welcome to the pypassword generator")
nr_letters=int(input('how many words would you like in yourpassword \n'))
nr_symbols=int(input(f' how many symbols would you like \n'))
nr_numbers=int(input(f' how many numbers would you like \n'))

password_list=[]
for char in range(1,nr_letters+1):
    password_list+= random.choice(letters)
for char in range(1,nr_symbols+1):
    password_list+=random.choice(symbols)
for char in range(1,nr_numbers+1):
    password_list+=random.choice(numbers)

password=''
random.shuffle(password_list)
print(f'your password is: {password_list}')
```

```
welcome to the pypassword generator
how many words would you like in yourpassword
2
 how many symbols would you like
2
 how many numbers would you like
2
your password is: ['!', 'w', '7', '7', 'R', '$']
```