# PROGRAMME

INPUT:

for i in range(2,36):

print(i)

OUTPUT:

enter a value3

enter b value6

9

# PROGRAMME

INPUT:

leaveprogram=0

while leaveprogram != "q":

import random

print("This is a dice rolling program")

print("press 'r' to roll")

input()

number=random.randint(1,6)

if number==1:

print("[-------------]")

print("[ ]")

print("[ ● ]")

print("[ ]")

print("[-------------]")

print()

print("Type 'q' to quit")

leaveprogram=input()

if number==2:

print("[-------------]")

print("[ ]")

print("[ ● ● ]")

print("[ ]")

print("[-------------]")

print()

print("Type 'q' to quit")

leaveprogram=input()

if number==3:

print("[-------------]")

print("[ ● ● ]")

print("[ ]")

print("[ ● ]")

print("[-------------]")

print()

print("Type 'q' to quit")

leaveprogram=input()

if number==4:

print("[-------------]")

print("[ ● ● ]")

print("[ ]")

print("[ ● ● ]")

print("[-------------]")

print()

print("Type 'q' to quit")

leaveprogram=input()

if number==5:

print("[-------------]")

print("[ ● ● ]")

print("[ ● ]")

print("[ ● ● ]")

print("[-------------]")

print()

print("Type 'q' to quit")

leaveprogram=input()

if number==6:

print("[-------------]")

print("[ ● ● ]")

print("[ ● ● ]")

print("[ ● ● ]")

print("[-------------]")

print()

print("Type 'q' to quit")

leaveprogram=input()

output:

This is a dice rolling program

press 'r' to roll

r

[-------------]

[ ]

[ ● ● ]

[ ]

[-------------]

Type 'q' to quit

r

# PROGRAMME

INPUT:

#program to create a loop

i=1

while i<6:

name=input("what is your name: ")

print(name,i)

i=i+1

print("end of program")

OUTPUT:

what is your name: bharath

bharath 1

what is your name: bharat

bharat 2

what is your name: kumar

kumar 3

what is your name:

5

end of program

# PROGRAMME

INPUT:

a=int(input("Enter the value of A: "))

b=int(input("Enter the value of B: "))

p=int(input("what do you want to do? 1,2,3,4,5: "))

def add():

return a+b

def sub():

return a-b

def mul():

return a\*b

def divide():

return a/b

def remainder():

return a%b

if(p==1):

print(" addition= ",add())

if(p==2):

print(" subtraction= ",sub())

if(p==3):

print(" multiplication= ",mul())

if(p==4):

print("Division= ",divide())

if(p==5):

print("remainder= ",remainder())

OUTPUT:

Enter the value of A: 3

Enter the value of B: 9

what do you want to do? 1,2,3,4,5: 3

multiplication= 27

# PROGRAMME

INPUT:

a=['1','2','3','4','5','6','7','8','9']

def printBoard():

print('\n----')

print( '|'+ a[0] + '|' + a[1] + '|' + a[2] +'|')

print('-----')

print( '|'+ a[3] + '|' + a[4] + '|' + a[5] +'|')

print('....')

print( '|'+ a[6] + '|' + a[7] + '|' + a[8] +'|')

print('---\n')

p1=True

while (True):

printBoard()

#player 1 plays

if p1:

p=input("player 1,choose your place :")

if p in a:

a[int(p)-1] ='x'

p1 = not p1

#player 2 plays

else:

p = input("player 2,choose your place :")

if p in a:

a[int(p)-1] ='0'

p1 = not p1

#checking in rows

for i in (0,3,6):

if(a[i]==a[i+1] and a[i]==a[i+2]):

print("Game over");

printBoard()

exit()

#checking in columns

for i in range(3):

if(a[i]==a[i+3] and a[i]==a[i+6]):

print("Game over..")

printBoard()

exit()

if(a[0]==a[4] and a[0]==a[8]):

print("Game over")

printBoard()

exit()

if(a[2]==a[4] and a[2]==a[6]):

print("Game over")

printBoard()

exit()

else:

print("you have entered an invalid position")

continue

OUTPUT:

----

|1|2|3|

-----

|4|5|6|

....

|7|8|9|

---

player 1,choose your place :1

you have entered an invalid position

----

|x|2|3|

-----

|4|5|6|

....

|7|8|9|

---

player 2,choose your place :2

you have entered an invalid position

----

|x|0|3|

-----

|4|5|6|

....

|7|8|9|

---

player 1,choose your place :2

you have entered an invalid position

----

|x|0|3|

-----

|4|5|6|

....

|7|8|9|

---

player 1,choose your place :2

you have entered an invalid position

----

|x|0|3|

-----

|4|5|6|

....

|7|8|9|

---

player 1,choose your place :2

you have entered an invalid position

----

|x|0|3|

-----

|4|5|6|

....

|7|8|9|

---

player 1,choose your place :2

you have entered an invalid position

----

|x|0|3|

-----

|4|5|6|

....

|7|8|9|

---

player 1,choose your place :2

you have entered an invalid position

----

|x|0|3|

-----

|4|5|6|

....

|7|8|9|

---

player 1,choose your place :2

you have entered an invalid position

----

|x|0|3|

-----

|4|5|6|

....

|7|8|9|

---

player 1,choose your place :2

you have entered an invalid position

----

|x|0|3|

-----

|4|5|6|

....

|7|8|9|

---

player 1,choose your place :2

you have entered an invalid position

----

|x|0|3|

-----

|4|5|6|

....

|7|8|9|

---

player 1,choose your place :2

you have entered an invalid position

----

|x|0|3|

-----

|4|5|6|

....

|7|8|9|

---

player 1,choose your place :2

you have entered an invalid position

----

|x|0|3|

-----

|4|5|6|

....

|7|8|9|

# PROGRAMME

INPUT:

import smtplib

import getpass

myemail=input("your email id :")

password=getpass.getpass()

recemail=input("Receiver's email id :")

#creates SMPT session

s = smptlib.SMPT('smpt.gmail.com',587)

#starts TLS for security

s.starttls()

#Authentication

s.login(myemail,password)

#message to be sent

message="message\_you\_need\_to\_sent"

#sending the mail

s.sendmail("sender\_email\_id","receiver\_email\_id",message)

#terminating the session

s.quit()

OUTPUT:

your email id :bharathm1359@gmail.com

Password:

Receiver's email id :

# PROGRAMME

INPUT:

# sprogram for simple calculator

i=int(input("enter the value of i:"))

j=int(input("enter the value of j:"))

o=input("what do you want to do?,+,-,/,\*: ")

def add():

return i+j

def sub(a,b):

return a-b

def mult(a,b):

return a\*b

def div(a,b):

return a/b

if (o=='+'):

print("addition=", add())

elif (o=='-'):

print("subtraction=", sub(50,90))

elif (o=='\*'):

print("multipication=", mult())

elif (o=='/'):

print("divison=", div())

OUTPUT:

enter the value of i:6

enter the value of j:5

what do you want to do?,+,-,/,\*: +

addition= 11

# PROGRAMME

INPUT:

import random

print("WELCOME TO THE GAME,THE ROCK PAPER SCISSORS")

iswin=False

playerinput=0

while iswin == False:

print("")

print("press 1 for Rock.")

print("press 2 for Paper.")

print("press 3 for Scissors.")

while(playerinput==0):

playerinput = int(input("what would you like to play?"))

computerinput= random.randint(1,3)

if (playerinput == 1) and (computerinput == 1):

iswin = False

print("it's a draw; you both played Rock!")

if (playerinput == 2) and (computerinput == 1):

iswin = True

print("you win; computer played Rock!")

if (playerinput == 1) and (computerinput == 2):

iswin = True

print("you lose; computer played paper!")

if (playerinput == 3) and (computerinput == 3):

iswin = False

print("it's a draw; you both played Scissors!")

if (playerinput == 2) and (computerinput == 2):

iswin = False

print("it's a draw; you both played Paper!")

if (playerinput == 3) and (computerinput == 1):

iswin = True

print("you win; computer played Rock!")

if (playerinput == 1) and (computerinput == 3):

iswin = True

print("you lose; computer played Scissors")

if (playerinput == 3) and (computerinput ==2):

iswin = True

print("you win; computer played paper!")

if (playerinput == 2) and (computerinput == 1):

iswin = True

print("you win; computer played Rock!")

OUTPUT:

Press R to roll the diceR

YOU GOT 6

NEW POSITION IS 6

Press R to roll the diceR

YOU GOT 5

NEW POSITION IS 11

what the hell a snake bit me now i got back to the num 2

Press R to roll the diceR

YOU GOT 3

NEW POSITION IS 5

Press R to roll the diceR

YOU GOT 1

NEW POSITION IS 6

Press R to roll the diceR

YOU GOT 2

NEW POSITION IS 8

i got the ladder i'm climbing to the num 37

Press R to roll the diceR

YOU GOT 5

NEW POSITION IS 42

Press R to roll the diceR

YOU GOT 4

NEW POSITION IS 46

Press R to roll the diceR

YOU GOT 4

NEW POSITION IS 50

Press R to roll the diceR

YOU GOT 5

NEW POSITION IS 55

Press R to roll the diceR

YOU GOT 3

NEW POSITION IS 58

Press R to roll the diceR

YOU GOT 5

NEW POSITION IS 63

Press R to roll the diceR

YOU GOT 2

NEW POSITION IS 65

what the hell a snake bit me now i got back to the num 46