All the Python Code

```python
secret_num=13
guess_count =0
guess_limit =2
while guess_count<guess_limit
    guess=int(input("guess: 1-20__"))
    guess_count +=1
    if guess==secret_num:
        print("correct")
        break
else:
    print("Wrong")
```

[01

```python
sabona="firdisaa/nbob"
with open("sabona.txt","a")as file:
    file.write(sabona)
```

[02]

```python
import time
happy=[3,2,1]
for i in happy:
    time.sleep(2)
    print(i)
    print(i)
    print(i)
```

```python
time.sleep(2)

print("Happy New Year!!")
```

[03]

```python
def add(*num):
    sum=0
    for i in num:
        sum += i
    return sum
print(add(1,56,45,35,5
))
```

[04]

```python
num=[4,3,5,6,7,9,18,9,2,1]

num.pop()

num.pop()

num.sort()

num.remove(4)


print(num)
```

[05]

```python
for x in range(8):
    print(f"{x+1} Hello, World!")
```

[06]

```python
num=[711,503,680,746,629,423,390,733,498,424,675,673,654,463,387,741,481,478,470,443,735,
429]

num.sort()
```

```python
print(num)
for i in num:
    if i%2==0:

print(num)
```

[07]

```python
import time
boy=input("are you boy ?__")
print("Hi!!")
she=input("___")
print("how are you!!")
she=input("__")
print("excuse me are you single?")
she=input("__")
if she=="yes":
    print("wow i love you !")
else:
    print("Sorry! realy ?")
    print("But i falied with your love")
she=input("__")
if she=="so am i":
    print("you are my best")
else:
    print("what is wrong ?")
    she=input("___")
```

```python
    if she=="give time for me":

        print("How log?")

        she=input("___")

        print("hoo! to long i give 6 sec")




        she=input("___")


        if she=="ok":

            time.sleep(6)


            print("wow where we see each other!")

            she=input("___")

            if she=="hotel":

                print(f"Thank! {she} at 6 oklock")

            else:

                print("i dont care ther is opption!")
print("shall we see each other at hotel!")
she=input("___")
print("ok!!")
[08]
print("well come ")
name=input("do you need play__")
if name!="yes":
    quit()
def name():
```

```python
    print(" A Sabona")
    print(" B Gadisa")
    print(" C etafa")
    print(" D Rata")
    print("what is you chose")
name()

play=input("")

if play=="A":
    print("correct")
else:
    print("Wrong")

print("bye")
```
[09]
```python
def linear_search(list,target):
    for i in range(0,len(list)):
        if list[i]==target:
            return i
    return None
def verify(index):
    if index is not None:
        print("target is found at index : ",index)
    else:
        print("The number is not in the list")
```

```python
num=["sabona","abduuba","gadisa","guutaa","haamsaluu"]
num=input("Enter name")
index=linear_search(num,"sabono")
verify(index)
```

[10]
```python
import random
print(random.randrange(1,7))
```

[11]
```python
name=input("what is your name?__")
if name=="buze":

    name=["sabona","Gammachuu","Mootti","Missoo"]
    for i,names in enumerate(name):
        print(i+1,names.title())
work=input(" for work enter work__")
if work=="work":
    name=["sabona student Cs","Gammachuu operator","Moti Student 12th","Missoo Trader"]
    for i,nam in enumerate(name):
        print(i+1,nam.title())
```

[12]
```python
name=["sabona","deng","gadisa"]
for n in  name:
    print(n)
```

[13]

```
name=" WELCOME "
print(name)
print(name.strip())
```

[14]

```
def binear_search(list,target):
    first=0
    last=len(list)-1
    while first<=last:
        midpoint=(first+last)//2
        if list[midpoint]==target:
            return midpoint
        elif list[midpoint] < target:


            first= midpoint+1
        else:
            last=midpoint-1
    return None
def verify(index):
    if index is not None:
        print("the number found at index :",index)
    else:
        print("the number is not found")
num=[12,3,45,78,89,23,16]


num.sort()
```

```python
result=binear_search(num,89)

verify(result)
```

[15]

```python
for i in range(5):
    for j in range(3):
        for k in range(2):
            print(f"({i},{j},{k},)")
for g in range(3):
    for b in range(2):
        print(f"({g},{b})")
```

[16]

```python
import os

path="sabona.txt"

os.remove(path)
```

[17]

```python
qinxaaboo=int(input("burcuqoo meeqa safartee__"))

gatii=qinxaaboo*21.33333333333333333

print(f"{gatii} birr")
```

[18]

```python
print("f_shape")

f_shape=[5,2,2,5,2,2]

for i in f_shape:
    print("o"*i)

print("e_shape")

e_shape=[5,2,2,5,2,2,5]

for j in e_shape:
```

```python
    print("*"*j)
print("l_shape")
l_shape=[1,1,1,1,1,5]
for k in l_shape:
    print("°"*k)
print("i_shape")
i_shape=[5,2,2,2]
for l in i_shape:
    print("e"*l)
```

[19]
```python
go_cho=int(input("chose 1-5?__"))
print("")
if go_cho==5:
    print("gaaffii 4ffaa")
elif go_cho==2:
    print("gaaffii 5ffaa")
elif go_cho==3:
    print("gaaffii 1ffaa")
elif go_cho==4:
    print("gaafii 2ffaa")
elif go_cho==1:
    print("gaafii 3ffaa")
else:
    print("void")
```

[20]
```python
num={
```

```python
    1:"one",

    "Two":2,

    3:"Three",

    4:"four" ,

    5:"five" ,

    6:"six" ,

    7:"seven"  ,

    "eight":8,

    9:"nine" ,

    "zero":0,

    12:"Twelve"  ,

    }

nam= input("Name:  ").upper()

if nam in num:

    name=num[nam]

    print(name)

    print("yes")

else:

    print("no")
```

[21]

```python
name=input(" What is your name?:__").lower()

print(f"Hello {name}")

sex=input("Are You boy?:__").lower()

if sex=="yes":

    print("you have penis")
```

```python
elif sex=="no":
    print("you have vagina")
else:
    print("Hey what is wrong with you? you have at list one of them")
```

[22]

```python
num=[1,2,3,4,5,6,7,8,9]
for i in num:
    if i==3:
        continue
    else:
        print(i,ends=" ")
```

[23]

```python
num=[1 ,2,3,4,5,6,7,8,9]
print(" the even numbers are")
for i in num:
    if i%2==0:
        print(i)
print("the odd number are blew")
for j in num:
    if j%2!=0:
        print(j)
```

[24]

```python
num=87
boy=num%2
print(boy)
```

```
[25]
num=[12,12,12,23,3,4,55,66,66,78,12]
new =list(set(num))
new.sort()
print(new)
[26]


seasion=input("Waqtilee Galchii__").lower()
if seasion=="Ganna":
    print("waxabajjii\nadolessa\nhagaya\n")
elif seasion=="Arfasa":
    print("Amajjii\nEbila\nCamsaa\n")
elif seasion=="Biraa":
    print("fulbaana\nonkololleesa\nsadaasa\n")
elif seasion=="Bona":
    print("mudde\nguraandhala\nbitoottessa\n")
else:
    print("dogora")
[27]
for i in range(1,1000):
    print(i,end=" ")
    if i==50:
        break
        print(i)
while True:
    print()
```

```python
    print()
    print(f"the last num is:[{i}] now ")
    break
```

[28]
```python
fay=int(input("for HIV use 1 and  COvid use 2 "))
if fay==1:
    print("malatoolee H \nqufaa\nfedhii nyaataa dhabuu\n")
elif fay==2:
    print("malattoolee C\n qufaa\nfedhii nyataa")
else:
    print("maltatee atii\nwaan hin tanee hin godhiin!!")
```

[29]
```python
abdh=float(input("abba dhibba lama meeqa?__"))
change=abdh/5
print(f"Kuma {change} ")
lakk=abdh*200
print(f"lakk: {lakk}")
```

[30]
```python
abba_dhibba_1=float(input("abba_dhibba_1 meeqa?__"))
adhi=abba_dhibba_1/10
print(f"kuma {adhi}")
```

[31]
```python
qala= float(input("qalal'insa hamami?__"))
qarent=qala/100
print(f"{qarent}%")
```

```python
if qarent==34:

    print("Ethiopia")
else:
    print()
```

[32]

```python
chek=int(input("enter your dorm number?__"))
if chek==209:
    def room():
        print()
        print("SABONA,SURAFEL,ETAFA,YORDANOS")
    room()
elif chek==210:
    def room1():
        print()
        print("ESAYAS,YARED,DURESA,MUBARIC")
    room1()
elif chek==208:
    def room2():
        print()
        print("RATA,WAQTOLE,DENG")
    room2()
elif chek==207:
    print("Gadisa,Ramadan,Usmaan,Barudin")
elif chek==206:
```

```python
    def room4():
        print()
        print("MALKAMU,ABDUBA(g),ABDUBA(x)")
    room4()

else:
    print("You are not C/S Student!!")
fi=input("for Female press(m)")
if fi=="m":
    print("Gadisee,Beza,balmak Dadhi")
else:
    print("you are not C/S Student!!")
```

[33]

```python
print(round(abs(float(input("enter number?__")))))
```

[34]

```python
dollar=int(input("how many dollar do you have?__"))
exchange=dollar*53
print(f"{exchange} birr")
change_note=exchange/200
print(f"abbaa dhibba lama {change_note} lakkaa'ii itti kennii")
change_ku=change_note/5
print(f" kuma {change_ku} dha")
```

[35]

```python
ans=8900000
print(f"{ans:b}")
```

[36]

```python
score=int(input("score: "))
if score >=90 and score <=100:
    print("A+")
elif score >=80 and score <=85:
    print("A-")
elif score >=70 and score < 80:
    print("B")
elif score >=50 and score < 60:
    print("D")
else:
    print("F")
print("Well done !")
```

[37]

```python
stack=[]
stack.append(3)
stack.append(2)
stack.append(6)
stack.append(7)
stack.append(9)
print("stack are:",stack)
print("poped element::")
stack.pop()
stack.pop()
print(stack)
```

[38]

```python
queue=[]
```

```python
queue.append(1)

queue.append(2)

queue.append(3)

queue.append(5)

queue.append(15)

queue.append(17)

queue.append(14)

queue.append(21)


queue.pop()

print(queue)
```

[39]

```python
name=input("what is your name").strip().title().upper()

print(f"your name is {name}")
```

[40]


```python
def eat():

    print("Human eat food regurally")

    print("So i am a Human i eat food")

eat()


def sound():

    print("Human make sound like Uuu,Uuu...")


sound()
```

[41]

```python
names=["Gadisa","Sabona","etafa"]
name=input("Name :").upper()
if name in names:
    print(name)
    print("yes")
```

[42]

```python
people={
  "sabona":"0928629040",
  "gadisa" :"092367475",
  "etafa" :"68586544688",
}
name=input("Name :").lower()
if name in people:
    number=people[name]
    print(number)
    print("Found")
else:
    print("No")
```

[43]

```python
people={
  "sabona":"0928629040",
  "gadisa" :"092367475",
  "etafa" :"68586544688",
}
name=input("Name :").lower()
if name in people:
```

```python
        number=people[name]

        print(number)

        print("Found")

else:

    print("No")
```

[44]

```python
take=("AB","BC","AC")

result=dict(take)

print(result)
```

[45]

```python
name="sabona marara balata oboto the good man at in the world fagara 23"

print(name.find("23"))
```

[46]

```python
name=input(" What is your name ? _")

file=open("name.txt","a")

file.write(f" {name}\n")

file.close()
```

[47]

```python
name=[]

with open("name.txt")as file:

    for line in sorted(file):

        print("hello",line.rstrip())
```

[48]

```python
students=[

{"name":"Gadisa","zone":"HGW","grade":"A"},

{"name":"sabona","zone":"HGW","grade":"A"},
```

```python
{"name":"Etafa","zone":"Dambidoollo","grade":"A"},

{"name":"Gadise","zone":"Wallagga","grade":"B"},

{"name":"Usman","zone":"Arsii","grade":"C"},

{"name":"Rata","zone":"HGW","grade":"D"},

]

zone=set()

for i in students:

    print(i["name"],i["grade"])
```

[49]

```python
name=input("what is your name ?__")

match name:

    case "sabona"|"moti"|"miso"|"gamachu":

        print(" marara Child")

    case "galata"|"kone" |"kiso"|"kuma"|"yoba":

        print("lamis Child")

    case _:

        print("None!")
```

[50]

```python
for i in range(8):

    print("*"*i)

    for j in range(3):

        print("@"*j)
```

[51]

```python
old=['a','b','b','c','a','c','d']

new=list(set(old))

print(new)
```

```
[52]
name= input("What is your name?__")
pa_word=int(input("enter your password?__"))
if pa_word==263526:
    print()
else:
    print("incorrect password!!")
    breakp
accont=int(input("enter your account?__"))
while True:
    if accont==1000568306442:
        print()
    else:
        print("in correct accont!!")
        break
    how_many=int(input("how many do you need save?__"))
    intail=500
    rate=how_many/10
    total=how_many+intail
    print(f"your balance is:{total} birr")
    afte=int(input("how long in month:__"))
    yo_will=rate+total
    print(f"after{afte}month you have{yo_will}birr")
    print("Thank!!")
    break
[53]
```

```python
meeq=int(input("meeqaan gurgurtee, yoo kan\n bittee?__"))

cha=meeq/200

print(f"abba dhibba lama :{cha} \nlakki fudhuu\nyoo kan kenni")
```

[54]

```python
abba_shantama=float(input("abba shantamaa meeqa?__"))

change=abba_shantama/20

print(f"kuma {change}")
```

[55]

```python
qinxaa=float(input("Xaafii burcuqoo meeqa?__"))

gatii_xaafii=qinxaa*21.33333333333333333

print(f"birii {gatii_xaafii}")
```

[56]

```python
shantama_gara_dhibba=float(input("abba shantama meeqa?__"))

change=shantama_gara_dhibba/2

print(f"dhibba :{change}")

do_change=change/10

print(f" yoo kan kuma :{do_change}")
```

[57]

```python
def square(number):
    return number*number-8+5

print(square(4+2))

def pluse(num):
    return num+num

print(pluse(5+8))

def divisition(div):
    return div/div
```

```python
print(divisition(7))
def mult(mul):
    return mul*5+3-10
print(mult(4))
def void(num2):
    return num2*num2*num2,num2+num2+num2,num2*num2
print(void(8))
```

[58]

```python
xibsii=float(input("xibsii meeqa ajaje?__"))
gatii=xibsii*130
print(gatii)
biraa=int(input('biraa meeqa?__'))
gatii_biraa=biraa*40
print(gatii_biraa)
afaanyii=float(input("afaanyii meeqa?__"))
gatii_afaanyii=afaanyii*150
print(gatii_afaanyii)
fantaa=int(input("fantaa meeqaa?__"))
gatii_fantaa=fantaa*25
print(gatii_fantaa)
total=gatii+gatii_biraa+gatii_afaanyii+gatii_fantaa
print(F"Total :{total} birr")
```

[59]

```python
def eat():
    print("you eat food for sarvaivale")
```

```python
def heat():
    print("heat is used for food")
heat()
eat()
[60]
import time
pin=int(input("enter your pin?__"))
if pin ==6287:
    print()
elif pin==2648:
    print()
elif pin==2468:
    print()
else:
    print("invalid")
    breakp
etm=float(input("hagam_bafata?__"))
total=5000
time.sleep(4)
need=total-etm
if etm>total:
    print("hamma qabduu ol galchitee!!")
    breakpoin
print(f"birrii {etm} fudhateeta")
print(f"hafee birri {need} dha")
```

```python
print("galatoomaa!")
```

[61]

```python
e_shape=input("enter letter ?__")
if e_shape=="e":
    num1=[5,2,2,5,2,2,5]
    for i in num1:
        print("e"*i)
elif e_shape=="f":
    num2=[5,2,2,5,2,2]
    for j in num2:
        print("f"*j)
elif e_shape=="l":
    num3=[2,2,2,2,6]
    for k in num3:
        print("l"*k)
elif e_shape=="i":
    num4=[4,2,2,2,4]
    for g in num4:
        print("c"*g)
else:
    print("you are lose!!")
```

[62]

```python
for i in range(6):
    print(i-6)
```

[63]

```python
num=["sabona","suraafel","etafa"]
for i in num:
    if i=="sabona":
        num.remove(i)
        num.clear()
        num.append(i)
print(num)
```
 [65]

```python
name=["moti","sabona","calaa","gadisa"]
for i,by_num in enumerate(name):
    print(i+1,by_num.title())
```
[67]
```python
import random
ch =["paper","spade","blade"]
sabona=random.choice(ch)
etefa=None
while etefa not in ch:
    etefa=input("paper,spade,blade ?").lower()
if etefa==sabona:
    print("sabona  ",sabona)
    print("etefa  ",etefa)
    print("equal")
elif etefa=="paper":
    if sabona=="spade":
        print("sabona  ",sabona)
```

```python
        print("etefa  ",etefa)

        print("lose")
elif etefa =="spade":

    if sabona=="paper":

        print("sabona ",sabona)

        print("etefa  ",etefa)

        print("win")
elif etefa=="blade":

    if sabona=="paper":

        print("sabona  ",sabona)

        print("etefa  ",etefa)

        print("you win")
```

[68]

```python
print((lambda x,y,r:x+r*y)(1,45,5))
```

[69]

```python
num=[8,6,3,4,5,2,7,1]

print( f"unsort==>{num}")

num.sort()

print(f"sorted ==>{num} ")

num.pop()

num.pop()

num.pop()

num.remove(1)
```

```python
print(f"After 3 pop {num}")
```

[69]

```python
v=1
for i in range(25):
    v=v*2
    print(v)
```

[70]

```python
print("Sabona,Gadisa,Etafa,Tasfuu,Rata")
while True:
    name=input("chose one of them __")
    if name=="Rata":
        break
print(f"Hello {name}")
print("Sabona,Gadisa,Etafa,Tasfuu,Rata")
while True:
    name=input("chose one of them __")
    if name=="Gadisa":
        break
print(f"Hello {name}")
print("Sabona,Gadisa,Etafa,Tasfuu,Rata")
while True:
    name=input("chose one of them __")
    if name=="Etafaa":
        break
print(f"Hello {name}")
print("Sabona,Gadisa,Etafa,Tasfuu,Rata")
```

```python
while True:
    name=input("chose one of them __")
    if name=="Sabona":
        break
print(f"Hello {name}")
print("Sabona,Gadisa,Etafa,Tasfuu,Rata")
while True:
    name=input("chose one of them __")
    if name=="Tasfuu":
        break
print(f"Hello {name}")
print("Sabona,Gadisa,Etafa,Tasfuu,Rata")
while True:
    name=input("chose one if them __")
    if name=="Etafa":
        break
print(f"Hello {name}")
```

[71]

```python
for e in range(0,50):
    if e % 2==0:
        print(e+1)
```

[72]