**HOW TO MAKE A QUIZ GAME USING**

**PYTHON**

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### **Import function**

import random

import time

Here we are making use of the [random](https://www.w3schools.com/python/module_random.asp) and time modules. The random module helps in generating the random value i.e string, int, etc that we are using in our project. The time module provides a time-lapse function.

### **Writing the title of the quiz game in python**

#print \* 80 times

for i in range(80):

print("\*",end="")

time.sleep(0)

print()

print("\t\t\t Welcome to")

print("\t\t\tKaun Banega Crorepati")

for i in range(80):

print("\*",end="")

time.sleep(0)

print()

a=input("\tEnter Your Name - ")

for i in range(80):

print("\*",end="")

time.sleep(0)

print()

We are using the [for loop](https://copyassignment.com/python/python-for-loop/) function in this block which helps print the stars 80 times. The time. sleep(0) function helps to provide a time-lapse of 0 after each line of execution. We are printing the title of the quiz as “Welcome to Kaun Banega Crorepati”. As well as we are asking the user to enter the name, storing it in the variable a.

We are providing 15 questions that we are using in the quiz game. We are using the wrong answers and the answer variable for storing the incorrect answers and the correct answers.

### **Logic to select the questions randomly for the KBC Quiz game in python**

Now, we are creating the logic to select the questions randomly from the list for the Kaun Banega Crorepati game

while True:

while True:

selectquestion=random.choice(questions)

if selectquestion in attempquestion:

pass

elif selectquestion not in attempquestion:

attempquestion.append(selectquestion)

questionindex=questions.index(selectquestion)

correctanswer=answer[questionindex]

break

Here in this code block, we are performing the question selection while the condition satisfies, selectquestion is the variable that stores the question that is randomly selected from the list. If the question is in the attempt question then we will pass the if condition. Otherwise, if the select question is not in attemptquestion then we will append that question in the attemptquestion. The questionindex holds the selectquestion value. The correctanswer stores the answer to the question index and breaks the loop.

### **Logic to hold the answer and hold the count**

optionslist=[]

inoptionlist=[]

optioncount=1

while optioncount<4:

optionselection=random.choice(wronganswers[questionindex])

if optionselection in inoptionlist:

pass

elif optionselection not in inoptionlist:

optionslist.append(optionselection)

inoptionlist.append(optionselection)

optioncount+=1

optionslist.append(correctanswer)

We are creating two empty lists optionslist,inoptionlist. Option count, we have initialized to 1. While the option count is less than 4 we perform the following operation. optionselection variable stores the value of the randomly selected value of the wronganswers.

1. If the option that we selected is in the optionlist then do pass.
2. Otherwise, if the option we select is not inoptionlist. Append the value in both the lists optionlist and inoptionlist. Increase the option count by 1. Append the correctanswer to the optionslist.

### **Code for displaying questions**

alreadydisplay=[]

optiontodisplay=[]

a1=True

while a1:

a=random.choice(optionslist)

if a in alreadydisplay:

pass

else:

alreadydisplay.append(a)

optiontodisplay.append(a)

a1=not True

a1=True

while a1:

b=random.choice(optionslist)

if b in alreadydisplay:

pass

else:

alreadydisplay.append(b)

optiontodisplay.append(b)

a1=not True

a1=True

while a1:

c=random.choice(optionslist)

if c in alreadydisplay:

pass

else:

alreadydisplay.append(c)

optiontodisplay.append(c)

a1=not True

a1=True

while a1:

d=random.choice(optionslist)

if d in alreadydisplay:

pass

else:

alreadydisplay.append(d)

optiontodisplay.append(d)

a1=not True

In this code block, we are creating 2 empty lists alreadydisplay and optiontodisplay . We have initialized a1== True. We are taking 4 variables i.e a,b,c, and d which store the random answers from the options list. If the variable’s value is in alreadydisplay list then it does nothing i.e pass.

Otherwise, it will append the values of the variables to alreadydisplay and optiontodisplay list and initialize a1==not True.

### **Code for checking the right answer**

right\_answer=""

if correctanswer==a:

right\_answer="a"

elif correctanswer==b:

right\_answer="b"

elif correctanswer==c:

right\_answer="c"

elif correctanswer==d:

right\_answer="d"

print("--------------------------------------------------------------------------------------------")

print("\t\t\tAmount Win - ",amount)

print("--------------------------------------------------------------------------------------------")

time.sleep(1)

print("\n\t\tQuestion ",count," on your Screen")

print("--------------------------------------------------------------------------------------------")

time.sleep(1)

print(" | Question - ",selectquestion)

print("--------------------------------------------------------------------------------------------")

print("\t-----------------------------------------------------------------------------")

time.sleep(1)

print("\t| A. ",a)

print("\t-----------------------------------------------------------------------------")

time.sleep(1)

print("\t| B. ",b)

print("\t-----------------------------------------------------------------------------")

time.sleep(1)

print("\t| C. ",c)

print("\t-----------------------------------------------------------------------------")

time.sleep(1)

print("\t| D. ",d)

print("\t-----------------------------------------------------------------------------")

This code block initializes an empty variable as the right answer=””. We are using an if-else block which checks which is the right option from the list of a,b,c and d. If any of these options is correct it gets initialized to the right answer variable.

If the answer is the right answer it will display the amount you won. Display the next question along with the count and options for that particular question.

### **Logic to display the amount for each right answer**

useranswer=input("\t\tEnter Correct Option\t or \t press Q to quit.\n\t\t\t...").lower()

if useranswer==right\_answer:

if count==1:

amount=1000

elif count==2:

amount=2000

elif count==3:

amount=5000

elif count==4:

amount=10000

elif count==5:

amount=40000

elif count==6:

amount=80000

elif count==7:

amount=160000

elif count==8:

amount=320000

elif count==9:

amount=640000

elif count==10:

amount=1500000

print("\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n")

print("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

print("\t\t\t \\\\\\\\\\ Congratulations! //////////")

print("\t\t\t|||||||||| You Won The Game ||||||||||")

print("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

print("\n\n\t\t You Won Rs. ",amount)

print()

break

print("\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n")

print("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

print("\t\t\t \\\\\\\\\\ Congratulations! //////////")

print("\t\t\t|||||||||| Right Answer ||||||||||")

print("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

count+=1

elif useranswer=="q":

print("\n\n\t\t You Won Rs. ",amount)

break

else:

print("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

print("\t\t\tWrong Answer")

print("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

print("\n\n\t\t \tYou Won Rs. ",amount)

print("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

break

We are creating the variable useranswer which stores option we select from the option list. If the useranswer is equal to the right answer, the count of the question is increased by 1 and the amount allotted to that question is displayed. Once all the answers in the game are correct it will print “you won the game” and break the loop.

If the useranswer == “q” that is for quit, it quits the game. The system displays the amount won and breaks the loop, otherwise, the system displays “wrong answer” and the last amount you won.

**PROGRAM**

#import random and time module

import random

import time

#print \* 80 times

for i in range(80):

print("\*",end="")

time.sleep(0)

print()

print("\t\t\t Welcome to")

print("\t\t\tKaun Banega Crorepati")

for i in range(80):

print("\*",end="")

time.sleep(0)

print()

a=input("\tEnter Your Name - ")

for i in range(80):

print("\*",end="")

time.sleep(0)

print()

print("\n\t\tOK ",a," Let's Start The Game")

time.sleep(1)

questions=["Who is The Prime Minister of India","In Which Country Area 51 is Located","Which one is the largest Continent in the world","What is the Latest Version of Windows Since 2019","Which One of These Is not a Software Company","How Many MB Makes 1 GB","Facebook Was Firstly Developed By","Founder of Apple is","\_\_\_\_\_\_\_\_\_ is one of The Founder of Google","BIGG BOSS season 13 Starts in \_\_\_\_ & ends in \_\_\_\_\_","Apple's Laptop is Also Known as","First Apple Computer is Known as","Joystick is used For","\_\_\_\_\_\_\_\_\_\_\_\_ is used to Encrypt Drives in Computer"]

answer=["Narendra Modi","United States","Asia","Windows 10","Honda","1024","Mark Zuckenberg","Steve Jobs","Larry Page","2019 - 2020","Macbook","Mactonish","Playing Games","Bitlocker"]

wronganswers=[["Amit Shah","Aditya Nath Yogi","Azhar Ansari"],["India","Africa","Iraq"],["South Africa","North America","Europe"],["Windows 7","Windows 8","Windows 11"],["Oracle","Microsoft","Google"],["10024","1004","2024"],["Bill Gates","Larry Page","Azhar Ansari"],["Azhar Ansari","Charles Babbage","Sundar Pichai"],["Larry Hensberg","Sunder Pichai","Bill Gates"],["2020 - 2021","Not Starts Now","2018 - 2019"],["ThinBook","Notebook","ChromeBook"],["Apple v.1","Apple Computer","Appbook"],["Giving output command","Shutting down Computer","Log off Computer"],["KeyGuard","Windows Secure","No Software like this"]]

attempquestion=[]

count=1

amount=0

while True:

while True:

selectquestion=random.choice(questions)

if selectquestion in attempquestion:

pass

elif selectquestion not in attempquestion:

attempquestion.append(selectquestion)

questionindex=questions.index(selectquestion)

correctanswer=answer[questionindex]

break

optionslist=[]

inoptionlist=[]

optioncount=1

while optioncount<4:

optionselection=random.choice(wronganswers[questionindex])

if optionselection in inoptionlist:

pass

elif optionselection not in inoptionlist:

optionslist.append(optionselection)

inoptionlist.append(optionselection)

optioncount+=1

optionslist.append(correctanswer)

alreadydisplay=[]

optiontodisplay=[]

a1=True

while a1:

a=random.choice(optionslist)

if a in alreadydisplay:

pass

else:

alreadydisplay.append(a)

optiontodisplay.append(a)

a1=not True

a1=True

while a1:

b=random.choice(optionslist)

if b in alreadydisplay:

pass

else:

alreadydisplay.append(b)

optiontodisplay.append(b)

a1=not True

a1=True

while a1:

c=random.choice(optionslist)

if c in alreadydisplay:

pass

else:

alreadydisplay.append(c)

optiontodisplay.append(c)

a1=not True

a1=True

while a1:

d=random.choice(optionslist)

if d in alreadydisplay:

pass

else:

alreadydisplay.append(d)

optiontodisplay.append(d)

a1=not True

right\_answer=""

if correctanswer==a:

right\_answer="a"

elif correctanswer==b:

right\_answer="b"

elif correctanswer==c:

right\_answer="c"

elif correctanswer==d:

right\_answer="d"

print("--------------------------------------------------------------------------------------------")

print("\t\t\tAmount Win - ",amount)

print("--------------------------------------------------------------------------------------------")

time.sleep(1)

print("\n\t\tQuestion ",count," on your Screen")

print("--------------------------------------------------------------------------------------------")

time.sleep(1)

print(" | Question - ",selectquestion)

print("--------------------------------------------------------------------------------------------")

print("\t-----------------------------------------------------------------------------")

time.sleep(1)

print("\t| A. ",a)

print("\t-----------------------------------------------------------------------------")

time.sleep(1)

print("\t| B. ",b)

print("\t-----------------------------------------------------------------------------")

time.sleep(1)

print("\t| C. ",c)

print("\t-----------------------------------------------------------------------------")

time.sleep(1)

print("\t| D. ",d)

print("\t-----------------------------------------------------------------------------")

useranswer=input("\t\tEnter Correct Option\t or \t press Q to quit.\n\t\t\t...").lower()

if useranswer==right\_answer:

if count==1:

amount=1000

elif count==2:

amount=2000

elif count==3:

amount=5000

elif count==4:

amount=10000

elif count==5:

amount=40000

elif count==6:

amount=80000

elif count==7:

amount=160000

elif count==8:

amount=320000

elif count==9:

amount=640000

elif count==10:

amount=1500000

print("\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n")

print("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

print("\t\t\t \\\\\\\\\\ Congratulations! //////////")

print("\t\t\t|||||||||| You Won The Game ||||||||||")

print("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

print("\n\n\t\t You Won Rs. ",amount)

print()

break

print("\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n")

print("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

print("\t\t\t \\\\\\\\\\ Congratulations! //////////")

print("\t\t\t|||||||||| Right Answer ||||||||||")

print("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

count+=1

elif useranswer=="q":

print("\n\n\t\t You Won Rs. ",amount)

break

else:

print("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

print("\t\t\tWrong Answer")

print("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

print("\n\n\t\t \tYou Won Rs. ",amount)

print("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

break