

Java Programming Project 1

internship

ONLINE QUIZ APPLICATION

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Internship started date: 21/12/2023

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Project 1: Quiz Application [mini project]

Online Quiz Application

Using Java, I prepared the code by using basics like if-else statements , class along with some logical thinking.



You can copy and paste to your C: or D drive in your system which I attached to this folder. You can run this in your computer's command prompt by converting to the drive C: or D: to which you are copied the Quiz.java file . After go to the copied drive in command prompt then type ' java Quiz' in command prompt , so that you can attend a quiz.

Java Quiz Code



To see the code , you can open the above text file which I attached to this folder or copy the code from the last page and save it in notepad as Quiz.java within "" .

In the code, I used two packages i.e. import java.io.*; to process the input and produce the output and

java.util.Scanner; to use the Scanner class. After that I created a class named Quiz. In the class Quiz, I written a public static void main(String[] args) which is the entry point for any Java program.

After that, total , obtained, percentage variables are declared in a data type int, int ,float respectively. 5 and 0 intiial values are assigning to total and obtained variables. Here I created a program for only 5 questions so I am assigning 5 to total.

Then, I used System.out.println() to print the content within the braces. Then taking some variable like num1 in int data type. Then it will ask for a option that you want to choose. After that I used if statement by applying conditions. If its true then obtained variable get increase, if its wrong then obtained variable remains as before. Similarly , I wrote a same code with little alter for 5 questions. Then it will print the marks you scored out of 5 and it will display the percentage of total.

That's my mini project named Quiz Application code.

Looking forword for your feedback.

Thank you.

Program for application

```
import java.io.*;
import java.util.Scanner;
class Quiz{
    public static void main(String args[])

    {
        System.out.println("welcome to quiz");

        int total=5;
        int obtained=0;
        float percentage;

        System.out.println("1].Who invented Java Programming?\n 1. Guido van
Rossum\n 2. James Gosling\n 3. Dennis Ritchie\n 4. Bjarne Stroustrup");

        int num1;

        System.out.println("enter your option:");

        Scanner s1 = new Scanner(System.in);

        num1=s1.nextInt();

        if(num1==2)
        {
            he        System.out.println("the answer is correct");
```

```

        obtained+=1 ;
    }
    else
    {
        System.out.println("the answer is wrong \n the correct answer is option2.
James Gosling");
        obtained+=0;
    }

```

```

        System.out.println("\n2].Which one ofthe following is not a Java feature?\n 1.
Object-oriented\n 2. Use of pointers\n 3. Portable\n 4. Dynamic and Extensible");

```

```

    int num2;

```

```

    System.out.println("enter your option:");

```

```

    Scanner s2 = new Scanner(System.in);

```

```

    num2=s2.nextInt();

```

```

    if(num2==2)

```

```

    {

```

```

        System.out.println("the answer is correct");

```

```

        obtained+=1;

```

```

    }

```

```

    else

```

```

    {

```

```
        System.out.println("the answer is wrong \n the correct answer is option2.  
Use of pointers");
```

```
        obtained+=0;  
    }
```

```
        System.out.println("\n3]What is the extension of java code files?\n 1. .js\n 2.  
.txt\n 3. .class\n 4. .java.");
```

```
        int num3;
```

```
        System.out.println("enter your option:");
```

```
        Scanner s3 = new Scanner(System.in);
```

```
        num3=s3.nextInt();
```

```
        if(num3==4)
```

```
        {
```

```
            System.out.println("the answer is correct");
```

```
            obtained+=1;
```

```
        }
```

```
        else
```

```
        {
```

```
        System.out.println("the answer is wrong \n the correct answer is option4.  
.java");  
        obtained+=0;  
    }
```

```
        System.out.println("\n4].Which environment variable is used to set the java  
path?\n 1. MAVEN_Path\n 2. javaPATH\n 3. JAVA\n 4. JAVA_HOME");
```

```
        int num4;
```

```
        System.out.println("enter your option:");
```

```
        Scanner s4 = new Scanner(System.in);
```

```
        num4=s4.nextInt();
```

```
        if(num4==4)
```

```
        {
```

```
            System.out.println("the answer is correct");
```

```
            obtained+=1;
```

```
        }
```

```
        else
```

```
        {
```

```
            System.out.println("the answer is wrong \n the correct answer is option4.  
JAVA_HOME");
```

```
            obtained+=0;
```

```
        }
```

```
System.out.println("\n5]Which of the following is not an OOPs concept in Java?\n 1. Polymorphism\n 2. Inheritance\n 3. Compilation\n 4. Encapsulation");
```

```
int num5;
```

```
System.out.println("enter your option:");
```

```
Scanner s5 = new Scanner(System.in);
```

```
num5=s5.nextInt();
```

```
if(num5==3)
```

```
{
```

```
    System.out.println("the answer is correct");
```

```
    obtained+=1;
```

```
}
```

```
else
```

```
{
```

```
    System.out.println("the answer is wrong \n the correct answer is option3. Compilation");
```

```
    obtained+=0;
```

```
}
```

```
System.out.println("you scored\t"+obtained+"\tout of\t"+total);
```

```
percentage = (obtained/total)*100;
```

```
System.out.println("your percentage is: "+percentage);
```

```
}
```

```
}
```


