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import java.io.*;
import java.util.*;

class guessinggame
{
    public static String insult()
    {
        //creating random insults
        int insultnum = (int)(1+5*Math.random());
        String insult = "";

        if(insultnum==1)
        {
            insult = "silly goose!";
        }

        if(insultnum==2)
        {
            insult = "bozo!";
        }

        if(insultnum==3)
        {
            insult = "dummy!";
        }

        if(insultnum==4)
        {
            insult = "dork!";
        }

        if(insultnum==5)
        {
            insult = "peanut head!";
        }

        return insult;
    }

    public static void main(String [] args)
    {
        char again='y';

        //do while loop for when the user wants to continue playing
        do{
            int number;
            //choosing a random number
            number = (int)(1+100*Math.random());

            //welcome the user to the program and ask them to enter their guess
            System.out.println("Hi, Welcome to the Guessing Game!\nPlease enter a whole

```

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number 1-100:");

    //create a scanner to read the number they input
    Scanner cin=new Scanner(System.in);
    int guess=cin.nextInt();

    //create the loop if the guess is incorrect
    while(guess!=number)
    {
        if(guess>number)
        {
            System.out.println("Yikes! Your guess is too high, " + insult() +
"\n\nPlease guess again:");
            guess=cin.nextInt();
        }

        else
        {
            System.out.println("Oh no! Your guess is too low, " + insult() +
"\n\nPlease guess again:");
            guess=cin.nextInt();
        }
    }

    //when they correctly guess
    if(guess==number)
    {
        System.out.println("Congrats! You guessed correctly!\n");

        System.out.println("Would you like to play again? Enter 'Y' for yes and
'N' for no.");
        again=cin.next().charAt(0);
    }
    }while (again=='Y' || again=='y');
    }
}

```