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//Name: Yashas Ravi  
//Period: 12  
//GAME OF CHANCE
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import java.util.Scanner;
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public class GameOfChance {  
    static int pts;  
    public static int Roll (int a) {  
  
        double r = Math.random();  
        if (r < 0.1) {  
            a = (int) (12*(r + 0.1));  
        }  
        else {  
            a = (int) (12*r);  
        }  
        return a;  
    }  
  
    public static void doRound (int p, int s) {  
        Scanner sc = new Scanner (System.in);  
        pts = p;  
        int ante = 0;  
        int roll = 0;  
        int choice = 0;  
        roll = GameOfChance.Roll(roll);  
        System.out.println("You rolled a " + roll);  
  
        while (ante > -1) {  
  
            if (roll == 7) {  
                ante = -1*ante;  
                System.out.println("You lost!");  
                break;  
            }  
  
            else if (roll == s) {  
                ante = ante;  
                System.out.println("You won!");  
                break;  
            }  
        }  
    }  
}
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        else {

            System.out.println("Your ante is currently " + ante + ". Do you want to quit? Enter 1 to quit");
            choice = sc.nextInt();

            if (choice == 1) {
                ante = -1*ante;
                break;
            }

            else {
                roll = GameOfChance.Roll(roll);
                System.out.println("You rolled a " + roll);
                ante += 1;
            }

        }

    }

    pts = pts + ante;
    System.out.println("You have " + pts + " points!");

}

public static void main(String[] args) {
    // TODO Auto-generated method stub
    Scanner N = new Scanner (System.in);
    int points = 25;
    int set = 0;
    int die1 = 0;
    boolean play = true;
    int response = 0;
    //System.out.print("do you want to play? 1 for yes, 2 for no");

    while (play == true) {
        die1 = GameOfChance.Roll(die1);

        if (die1 == 2 || die1 == 3 || die1 == 12) {
            System.out.println("You rolled a " + (die1) + " You lose! ");
            points -= 1;
            System.out.println("You have " + points + " points!");
        }
    }
}

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        else if (die1 == 7 || die1 == 11) {
            System.out.println("You rolled a " + (die1) + " You won!");
            points += 2;
            System.out.println("You have " + points + " points!");
        }

        else {
            set = die1;
            System.out.println("Your set, which is your roll, is " + set);
            GameOfChance.doRound(points, set);
        }

System.out.print ("Do you want to play another round? Type 1 for play, 2 for no");
response = N.nextInt();

        if (response == 1) {
            play = true;
            points = pts;
        }
        else {
            play = false;
        }
    }
}
}

```