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

class gumball {
    public void screen1() {
        Scanner s = new Scanner(System.in);
        Scanner r = new Scanner(System.in);
        HashMap<String, Integer> coins = new HashMap<>();
        coins.put("quarter", 25);
        coins.put("dime", 10);
        coins.put("nickel", 5);
        int answer = 0;

        do {
            System.out.println("Enter 0 for RED GumBalls: ");
            System.out.println("Enter 1 for YELLOW GumBalls: ");
            int choice = s.nextInt();
            if(choice!=0 && choice!=1)
            {
                System.out.println("Invalid Choice Try Again!");
                screen1();
            }
            System.out.println("*****");
            System.out.println("Press 0 to Dispense Gumballs: ");
            System.out.println("");
            System.out.println("Insert the coins: (type nickel, dime or quarter)");
            int coinsInserted = 0;
            String coin = r.nextLine();

            do {
                if (coin.equals("0")) {
                    System.out.print("No coin Inserted...\n");
                }
                int val = 0;

                if (coins.containsKey(coin)) val = coins.get(coin);

                if (val == 0) {
                    System.out.print("\n*****Invalid Coin Inserted. Please Try Again!*****\n");
                }
                coinsInserted += val;
                System.out.print("Total Coin Value: ");
                System.out.println(coinsInserted);
            }
        }
    }
}

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        coin = r.nextLine();
    } while (!coin.equals("0"));

//Red Gumball Dispenser
if (choice == 0) {
    int cnt;
    int change;
    System.out.print("Number of Red Gumballs:");
    int num = s.nextInt();
    if (num * 5 > coinsInserted) {
        System.out.println("Not enough coins");
        continue;
    } else {
        System.out.println();
        change = coinsInserted - num * 5;
        cnt = num;
    }
    System.out.println("*****RECEIPT*****");
    System.out.println(cnt + " Red GumBall");
    System.out.println(change + " Cents Returned");

} else if(choice==1){
    int cnt;
    int change;
    System.out.print("Number of Yellow Gumballs:");
    int numberOfYellowGumball = s.nextInt();
    if (numberOfYellowGumball * 10 > coinsInserted) {
        System.out.println("Not enough coins");
        continue;
    } else {
        System.out.println();
        change = coinsInserted - numberOfYellowGumball * 10;
        cnt = numberOfYellowGumball;
    }
    System.out.println("*****RECEIPT*****");
    System.out.println(cnt + " Yellow GumBall");
    System.out.println(change + " Cents Returned");
}
System.out.println("*****");
System.out.println("Want more Gumballs (No: 0/Yes: 1) :");
answer = s.nextInt();

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} while (answer == 1);

if (answer == 0) {
    System.out.println("Thank You!");
    s.close();
    r.close();
}
else
{
    System.out.println("Invalid input!");
    screen1();
}
}
public static void main (String[] args)
{
    gumball newGB = new gumball();
    newGB.screen1();
}
}
```