

7. package exam2;

import java.util.*;

public class scoop1

{ public static void main (String args[])

{ Scanner s = new Scanner (System.in);

int van = 50;

int straw = 60;

int chocolate = 70;

int cara = 20;

int choco = 30;

int spin = 40;

int marsh = 50;

int a=0, b=0;

System.out.println ("select the option for
required ice-cream");

System.out.println ("1. vanilla");

System.out.println ("2. strawberry");

System.out.println ("3. chocolate");

int opt = s.nextInt();

if (opt == 1)

{ a=10;

int x=0;

while (true) {

System.out.println ("select the required
topping");

System.out.println ("1. caramel");

```

system.out.println("2 choco-chips");
system.out.println("3 sprinkles");
system.out.println("4 Marsh-Mellow");
system.out.println("5 That's all for me");

int ch = s.nextInt();

if (ch == 5)
    break;

system.out.println("Enter no of servings");

int sr = s.nextInt();

if (ch == 1)
    b = b + sr * cara;
else if (ch == 2)
    b = b + sr * choco;
else if (ch == 3)
    b = b + sr * sprin;
else if (ch == 4)
    b = b + marsh;
}

b = a + b;
}

else if (opt == 2)
{
    a = 60;
    while (true) {
        system.out.println("select req'd topping");
        system.out.println("1. caramel");
        system.out.println("2. choco chips");
        system.out.println("3. sprinkles");
    }
}

```

```

        System.out.println("4. Marsh mellow");
        System.out.println("5. That's all for me");

        int ch = s.nextInt();

        if (ch == 5)
            break;

        System.out.println("Enter no. of servings");

        int sr = s.nextInt();

        if (ch == 1)
            b = b + sr * cara;
        else if (ch == 2)
            b = b + sr * choco;
        else if (ch == 3)
            b = b + sr * sprin;
        else if (ch == 4)
            b = b + sr * marsh;
    }
    b = a + b;
}

```

```

else if (opt == 3)

```

```

{
    a = 70;
    while (true) {

```

```

        System.out.println("select the required topping");
        System.out.println("1. caramel");
        System.out.println("2. choco chips");
        System.out.println("3. sprinkles");
        System.out.println("4. Marsh mellow");
        System.out.println("5. That's all for me");
    }
}

```

```
int ch = s.nextInt();
```

```
if (ch == 5)
```

```
break;
```

```
System.out.println("Enter no. of servings");
```

```
int sr = s.nextInt();
```

```
if (ch == 1)
```

```
b = b + sr * cara;
```

```
else if (ch == 2)
```

```
b = b + sr * choco;
```

```
else if (ch == 3)
```

```
b = b + sr * sprin;
```

```
else if (ch == 4)
```

```
b = b + sr * marsh;
```

```
}
```

```
b = a + b;
```

```
}
```

```
{
```

```
System.out.println("Total cost for the ice-cream  
is" + b);
```

```
}
```

```
}
```