```java
import java.util.Scanner;

public class Driver
{

      public static void main(String args[])
      { // partial driver

              VM_1 vm1 = new VM_1();
              int p;
              int v;
              int n;
              float x;

              System.out.print("                                    Vending
Machine-1");
              System.out.print("\n");

              System.out.print("                       MENU of
Operations");
              System.out.print("\n");
              System.out.print("                    0. create(int)");
              System.out.print("\n");
              System.out.print("                    1. coin(int)");
              System.out.print("\n");
              System.out.print("                    2. sugar()");
              System.out.print("\n");
              System.out.print("                    3. tea()");
              System.out.print("\n");
              System.out.print("                    4. chocolate()");
              System.out.print("\n");
              System.out.print("                    5. insert_cups(int)");
              System.out.print("\n");
              System.out.print("                    6. set_price(int)");
              System.out.print("\n");
              System.out.print("                    7. cancel()");
              System.out.print("\n");
              System.out.print("                    8. card(float)");
              System.out.print("\n");
              System.out.print("                    q. Quit the demo
program");
              System.out.print("\n");


              System.out.print("  Please make a note of these
operations");
              System.out.print("\n");


              System.out.print("              Vending Machine-1
Execution");
              System.out.print("\n");
```

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```java
            Character ch = new Character('1');
         Scanner sc = new Scanner(System.in);

           while (ch != 'q')
            {
        System.out.print("  Select Operation: ");
        System.out.print("\n");
            System.out.print("0-create,1-coin,2-sugar,3-
tea,4-chocolate,5-insert_cups,6-set_price,7-cancel,8-card");
            System.out.print("\n");
            ch = sc.next().charAt(0);

            switch (ch)
            {
            case '0': //create
                System.out.print("  Operation:  create(int
p)");
                System.out.print("\n");
                System.out.print("  Enter value of
parameter p:");
                System.out.print("\n");
                p = sc.nextInt();
                vm1.create(p);
                break;

          case '1': //coin
                System.out.print("  Operation:  coin(int
v)");
                System.out.print("\n");
                System.out.print("  Enter value of
parameter v:");
                System.out.print("\n");
                v = sc.nextInt();
                vm1.coin(v);
                break;

            case '2': //sugar
                System.out.print("  Operation:  sugar()");
                System.out.print("\n");
                vm1.sugar();
                break;

            case '3': // tea
                System.out.print("  Operation:  tea()");
                System.out.print("\n");
                vm1.tea();
                break;

            case '4': // chocolate
                System.out.print("  Operation:
chocolate()");
                System.out.print("\n");
```

```java
                               vm1.chocolate();
                               break;

                        case '5': // insert_cups
                               System.out.print("  Operation:
insert_cups(int n)");
                               System.out.print("\n");
                               System.out.print("  Enter value of
parameter n:");
                               System.out.print("\n");
                               n = sc.nextInt();
                               vm1.insert_cups(n);
                               break;

                        case '6': // set_price
                               System.out.print("  Operation:
set_price(int p)");
                               System.out.print("\n");
                               System.out.print("  Enter value of
parameter p:");
                               System.out.print("\n");
                               p = sc.nextInt();
                               vm1.set_price(p);
                               break;

                        case '7': // cancel
                               System.out.print("  Operation:  cancel()");
                               System.out.print("\n");
                               vm1.cancel();
                               break;

                        case '8': // card
                               System.out.print("  Operation:  card(float
x)");
                               System.out.print("\n");
                               System.out.print("  Enter value of
parameter x:");
                               System.out.print("\n");
                               x = sc.nextFloat();
                               vm1.card(x);
                               break;

                    }; // endswitch
               }; //endwhile
        }
}
```