Coffee Machine Requirements.

1. Ask from user for coffee type by prompting:

“What would you like to have? (Latte/espresso/cappuccino).”

Once the drink is dispensed this prompt should be shown to serve the next customer.

2. When user enters “report” as an input, then a report should be generated that show the current resources and value eg

Water = 200 ml

Milk =50 ml

Coffee = 75 g

Money = Rs. 150

3. If user enters “off” as an input then, the program should end execution.

4. Check sufficient resources are available or not

5. If insufficient resources are available then the machine should ask to insert coins and calculate the total money received.

[coffee machine only accepts 5rs, 10rs, and 20rs coins]

6. Check payment successful or not.

If user has entered sufficient money, the cost of drink gets added to the machine as profit.

If user has entered too much money, the machine should offer change to the user.

If money is not sufficient to purchase the drink the user has selected, it should print a message “Sorry that’s not enough money. Money refunded.”

7. Make Coffee.

If payment is successful, ingredients to make the selected drink should be reduced from the coffee machine resources and it will print a message “Here is your cappuccino.” (if cappuccino was the choice)