**Project Phase 3**

**Due Date 11/25/2024**

Q1) Implement a MIPS program for the below question.

Develop a MIPS program for a vending machine. The machine can sell 3 different products:

* Water
* Snacks
* Sandwiches.
* Meals

Each of these products is assigned an option to be selected by the user (**1** for water, **2** for snacks, **3** for sandwiches and **4** for Meals).

Your vending machine program will **ask** the user for the **amount** of money entered to the machine, and will allow the user to select **multiple** items as long as there is **balance** **remaining**. If the price of the item is **more** than the remaining balance the program should print to the customer that there is no enough balance and ask for another option. The user can exit the vending machine by entering option **-1** to the vending machine and printing the remaining balance at the end.