1. Suppose, an array named **'nmbr'** declared which contains **2, 3, 5, 4 and 8**. Find the maximum number stored in this array and multiplied value of all numbers. Store them to a variable named **'max_array'** and **'mul_array'**.

2. Write down a program to find out if a number stored in **r6** register is **positive or negative** using branch if minus instruction. For the output prompt, the **r1 register** must be used. When **r1 is 0** it indicates positive and when **r1 is 1** it indicates negative.