WRITE A C PROGRAM TO PRINT THE ADDRESS OF A VARIABLE AND ENTER A LONG LOOP (SAY USING WHILE (1)).
A) START THREE TO FOUR PROCESSES OF THE SAME PROGRAM AND OBSERVE THE PRINTED ADDRESS VALUES.

```
ayushmaan@ASJ:~/Music/10$ ./a
Address of var in loop =0x7fff0eda7940
Address of var in loop =0x7fff0eda7940
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Address of var in loop =0x7fff0eda7940
```

B) SHOW HOW TWO PROCESSES WHICH ARE MEMBERS OF THE RELATIONSHIP PARENT CHILD ARE CONCURRENT FROM EXECUTION POINT OF VIEW, INITIALLY THE CHILD IS COPY OF THE PARENT, BUT EVERY PROCESS HAS ITS OWN DATA.

```
ayushmaan@ASJ:~/Music/10$ ./b


Parent process:
 Initial Value = 1
New Value = 10
Address of malloc in parent= 0x5617b1b702a0
Address of var in child= 0x7ffef4003a68


Child Process:
 Initial Value = 1
New Value of var = 5
Address of malloc in child= 0x5617b1b702a0
Address of var in child= 0x7ffef4003a68
```