```
rohit-sharma@rohit-sharma-HP-Laptop-15-da0xxx:~$ cd Desktop/
rohit-sharma@rohit-sharma-HP-Laptop-15-da0xxx:~/Desktop$ dir
assembly        assg2.o     final.pdf   largest.asm  one.asm  pr.o
assembly.zip    curr        five.asm    largest.o    one.o    prog
assg2           curr.asm    four.asm    mpl          pr       prog.asm
assg2.asm       curr.o      largest     one          pr.asm   prog.o
rohit-sharma@rohit-sharma-HP-Laptop-15-da0xxx:~/Desktop$ nasm -f elf64 four.asm
rohit-sharma@rohit-sharma-HP-Laptop-15-da0xxx:~/Desktop$ ld -o f four.o
rohit-sharma@rohit-sharma-HP-Laptop-15-da0xxx:~/Desktop$ ./f
Write an x86/64 ALP to accept 5 hexadecimal numbers from user and store them in an array and display the count of positive and negative numbers
Name - Soyal T K
Roll No - 7254
Enter 5 64-bit hexadecimal numbers (0-9, A-F only):
1234567890ABCDEF
45E6543535365476
ABC3456543534454
D346544343254366
F324535746543555
The count of positive numbers is:
02
The count of negative numbers is:
03
rohit-sharma@rohit-sharma-HP-Laptop-15-da0xxx:~/Desktop$ 
```