

```
rohit-sharma@rohit-sharma-HP-Laptop-15-da0xxx:~/Desktop$ nasm -f elf64 five.asm
```

```
rohit-sharma@rohit-sharma-HP-Laptop-15-da0xxx:~/Desktop$ ld -o f five.o
```

```
rohit-sharma@rohit-sharma-HP-Laptop-15-da0xxx:~/Desktop$ ./f
```

Write X86/64 ALP to convert 4-digit Hex number into its equivalent BCD number and 5- digit BCD number into its equivalent HEX number. Make your program user friendly to accept the choice from user for: (a) HEX to BCD b) BCD to HEX (c) EXIT.

Name - Soyal T K

Roll No - 7254

```
-----MENU-----
```

1. Hex to BCD
2. BCD to Hex
3. Exit

Enter your choice : 1

Number : ABCD

43981

```
-----MENU-----
```

1. Hex to BCD
2. BCD to Hex
3. Exit

Enter your choice : 2

Number : 43543

A017

```
-----MENU-----
```

1. Hex to BCD
2. BCD to Hex
3. Exit

Enter your choice : 3

```
rohit-sharma@rohit-sharma-HP-Laptop-15-da0xxx:~/Desktop$ █
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