

3. Character Type & Various

Problem 1

Input the exam marks (integers) of five students and print them in such a way that they appear in four columns.

Sample Input	Output
12 34 53 90 100	12 34 53 90 100

Problem 2

Print the following text.

```

H    H  EEEEE  L        L        OOO
H    H  E      L        L        O  O
HHHHH  EEE    L        L        O  O
H    H  E      L        L        O  O
H    H  EEEEE  LLLL  LLLL  OOO

```

Problem 3

Print the following pattern.

```

*
***
*****
*****
*****
*****
*****
*****
*****

```

Problem 4

Input a character and print its ASCII value.

Sample Input	Output
d	100
A	65

Problem 5

Input a lowercase English letter and print the corresponding uppercase letter.

Sample Input	Output
d	D
a	A

Exercise 3.1

1. Input the ASCII value of a character and print the corresponding character.
2. Input an uppercase English letter and print the corresponding lowercase letter.
3. Print the following designs/patterns:

a. C C C C
 C C
 C
 C C
 C C C C

b. A BBBB CCCC DDD EEEEE
 A A B B CC D D E
 AAAAA BBBB C D D EEE
 A A B B CC D D E
 A A BBBB CCCC DDD EEEEE

c. 11 + 2222 === 3333
 1 + 2 === 3
 1 +++++ 22 === 33
 1 + 22 === 3
11111 + 22222 === 3333

d. #
 ##
 ###
 ####
 #####

e. #
 ##
 ###
 ####
 #####

f. #
 #
 #
 #

4. Input a three-digit integer and print the sum of its digits.