

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   LLLLLL  LLLLLL  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 EEEE

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 EEEE

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.