

BASIC

1. You can find out the number of characters in your friends name using a computer program. Prepare a Program in BASIC to display the name and number of characters including space. Give your friend's name as input.

Answer key

```
10      CLS
20      INPUT "Enter the name of your friend", a$
30      b = LEN (a$)
40      PRINT a$, b
50      END
```

Scoring Indicators

For correct output - 6 score

OR

- | | | |
|--|---|---------|
| 1. for correct statement to accept Name as Input | - | 2 Score |
| 2. for correct LEN () function | - | 2 score |
| 3. for correct PRINT statement | - | 2 score |

2. AMEER is the brother of REEMA. Prepare a program in BASIC to display the brother's name (AMEER) on typing REEMA.

Answer key

```
10      CLS
20      INPUT "Enter name ", a$
30      b = LEN (a$)
40      FOR i = b to 1 step -1
50      PRINT MID$ (a$, i, 1)
60      NEXT i
70      END
71
```

Scoring Indicators

For correct output - 6 score

OR

1. for correct Input statement - 1 Score
2. for correct LEN () function - 1 score
3. for correct FOR.....loop statement - 2 score
4. for correct PRINT statement - 2 score

3. Prepare a program in BASIC to display " MY FRIEND IS RAJU" on giving input as "RAJU IS MY FRIEND" .

Answer key

```
10 CLS
20 A$ = "RAJU IS MY FRIEND"
30 B$ = LEFT $ (A$, 4)
40 C$ = RIGHT $ (A$, 9)
50 D$ = C$+ "IS" + B$
60 PRINT D$
```

Scoring Indicators

For correct output - 6 score

OR

1. for assigning a string for a variable - 1 Score
2. for correct LEFT \$ - 1 score
3. for correct RIGHT \$ - 1 score
4. for correct statement for joining LEFT \$, RIGHT \$ - 2 score
5. for correct PRINT statement - 1 score