



## ASSIGNMENT

1. Write a program to display ASCII values for character constants `\n`, `\r`, `\t`, `\a`, `\b`.
2. Write a program to accept an integer value and print its table.
3. Write a program to accept a 4 digit number and
  - a. Display face value of each decimal digit
  - b. Display place value of each decimal digit
  - c. Display no in reverse order by changing decimal place valuesIf user enters a 4 digit number 9361 output should be
  - a. 9   3   6   1
  - b.  $9361 = 9\ 000 + 300 + 60 + 9$
  - c. 1639
4. Write a program to accept three integer numbers and find its average.



## TWISTERS

1. #include<stdio.h>

int main( void )

{

    char ch = 65;

    int x=9;

    printf("%d, %d,", sizeof(ch), sizeof('A'));

    printf("%d, %d,", sizeof(65), sizeof(++x));

    printf("%d", x);

    return 0;

}

A. 1, 1, 2, 2, 9

B. compiler error

C. 1, 4, 4, 4, 9

D. 1, 1, 2, 2, 10

**Answer: C**

2. #include<stdio.h>

int main( void )

{

    printf("%d", '\n' - '\r');

    return 0;

}

A. nr

B. -3

C. n-r

D. 3

**Answer: B**



3. #include<stdio.h>

int main( void )

{

int x = 300;

printf("%u", x \* x / x);

return 0;

}

A. 300

B. 81

C. 65235

D. 30

**Answer: A**

4. #include<stdio.h>

int main()

{

int a,b;

a = (2 , 3);

b = (5 , ++a);

printf(" a = %d b = %d", a, b);

return 0;

}

A. a = 4, b = 4

B. a = 3 , b = 5

C. a = 4 , b = 5

D. compile time error

**Answer: A**