Assignment – 5

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Q1. Write a program to print MySirG N times on the screen

Ans :- #include <stdio.h>

**int** main()

{**int** i,n;

printf("Enter a Number :- ");

 scanf("%d",&n);

 for(i=1;i<=n;i++)

 printf("My Sir G\n");

 return 0;

}

Q2. Write a program to print the first N natural numbers.

Ans :- #include <stdio.h>

**int** main()

{**int** i,n ;

printf("Enter a Number :- ");

 scanf("%d",&n);

 for(i=1;i<=n;i++)

 printf("%d",i);

 return 0;

}

Q3. Write a program to print the first N natural numbers in reverse order

Ans :- #include <stdio.h>

**int** main()

{**int** i,n;

printf("Enter a Number :- ");

 scanf("%d",&n);

 for(i=n;i>=1;i--)

 printf("%d ",i);

 return 0;

Q4. Write a program to print the first N odd natural numbers

Ans :- #include <stdio.h>

**int** main()

{ **int** i , n , x ;

  printf("Enter a Number :-");

  scanf("%d",&n);

printf("N Odd Natural Numbers :-\n");

  for(i=1;i<=n;i++)

  { x = 2\*i-1 ;

    printf("%d ",x);

  }

  return 0;

}

Q5. Write a program to print the first N odd natural numbers in reverse order.

Ans :- #include <stdio.h>

**int** main()

{**int** i , n , x ;

printf("Enter a Number :- ");

 scanf("%d",&n);

 printf("N Reverse Odd Natural Numbers :-\n");

 for(i=n;i>=1;i--)

{ x = 2\*i-1 ;

    printf("%d ",x);

  }

return 0;

}

Q6. Write a program to print the first N even natural numbers

Ans :- #include <stdio.h>

**int** main()

{ **int** i , n , x ;

  printf("Enter a Number :-");

  scanf("%d",&n);

printf("N Even Natural Numbers :-\n");

  for(i=1;i<=n;i++)

  { x = 2\*i ;

    printf("%d ",x);

  }

  return 0;

}

Q7. Write a program to print the first N even natural numbers in reverse order

Ans :- #include <stdio.h>

**int** main()

{ **int** i , n , x ;

  printf("Enter a Number :-");

  scanf("%d",&n);

printf("N Reverse Even Natural Numbers :-\n");

  for(i=n;i>=1;i--)

  { x = 2\*i ;

    printf("%d ",x);

  }

  return 0;

}

Q8. Write a program to print squares of the first N natural numbers

Ans :- #include <stdio.h>

**int** main()

{**int** n , i , sqr ;

printf("Enter a Number :- ");

 scanf("%d",&n);

 printf("Squares of Natural Numbers :- \n");

 for(i=1;i<=n;i++)

 { sqr = i \* i ;

   printf("Square of %d is %d\n",i,sqr); }

 return 0;

}

Q9. Write a program to print cubes of the first N natural numbers

Ans :- #include <stdio.h>

**int** main()

{**int** n , i , sqr ;

printf("Enter a Number :- ");

 scanf("%d",&n);

 printf("Squares of Natural Numbers :- \n");

 for(i=1;i<=n;i++)

 { sqr = i \* i \* i ;

   printf("Cube of %d is %d\n",i,sqr); }

 return 0;

Q10. Write a program to print a table of N.

Ans :- #include <stdio.h>

**int** main()

{**int** i , n , mult ;

printf("Enter a Number :- ");

 scanf("%d",&n);

 printf("Table of N :- \n");

 for(i=1;i<=10;i++)

 { mult = n \* i ;

   printf("%d x %d is %d\n",n,i,mult); }

 return 0;

}