**Assignment -5**

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

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#include <stdio.h>

int main()

{

int num;

for(num=0;num<=4;num++)

printf("\nMySirG");

getch();

return 0;

}

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

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#include <stdio.h>

int main()

{

int num,i;

printf("Enter the Value of N to Print First Natural Number :");

scanf("%d",&num);

for(i=1;i<=num;i++)

printf("\n%d",i);

getch();

return 0;

}

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

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#include <stdio.h>

int main()

{

int num,i;

printf("Enter The Value of N to Print Natural Number in Reverse Order:");

scanf("%d",&num);

for(i=num;i>=1;i--)

printf("\n %d",i);

getch();

return 0;

}

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

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#include <stdio.h>

int main()

{

int n,i=1;

printf("Enter the Value of N to Print Odd Natural Number :");

scanf("%d",&n);

while(i<=n)

{

printf("\n %d",2\*i-1);

i++;

}

getch();

return 0;

}

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

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#include <stdio.h>

int main()

{

int n;

printf("Enter the Value of N to Print Odd Natural Number :");

scanf("%d",&n);

while(n)

{

printf("\n %d",2\*n-1);

n--;

}

getch();

return 0;

}

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

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#include <stdio.h>

int main()

{

int n,i;

printf("Enter the Value of N to Print Even Natural Number :");

scanf("%d",&n);

for(i=1;i<=10;i++)

{

printf("\n %d",2\*i);

}

getch();

return 0;

}

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

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#include <stdio.h>

int main()

{

int num,i;

printf("First the Nth term to print Even Natural Number in Reverse order is :-");

scanf("%d",&num);

for(i=num;i>=1;i--)

{

printf("\n %d",2\*i);}

getch();

return 0;

}

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

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#include<stdio.h>

int main()

{

int i,num;

printf("Squre of First 10 Natural Number is:-");

scanf("%d",&num);

for(i=1;i<=num;i++)

printf("\n%d",i\*i);

getch();

return 0;

}

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

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#include<stdio.h>

int main()

{

int i,num;

printf("Cube of the first N Natural Number is :-");

scanf("%d",&num);

for(i=1;i<=num;i++)

printf("\n %d",i\*i\*i);

getch();

return 0;

}

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

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#include<stdio.h>

int main()

{

int i,num;

printf("Table is :-\n");

scanf("%d",&num);

for(i=1;i<=10;i++)

printf("%d x %d = %d\n",num,i,num\*i);

getch();

return 0;

}