

8

Assignment-5

Q1 WAP to print MYS1861 N times on the screen

```
#include <stdio.h>
```

```
int main( )
```

```
{
```

```
    int i = 1; int n = 0;
```

```
    while(i <= .
```

```
        printf("%d", n);
```

```
        printf("Enter the Number ");
```

```
        scanf("%d", &n);
```

```
    } while (i <= n)
```

Printf ("MYSIRU \n");
i++;

}

return 0;

}

Q2 WAP to print the first N Natural Numbers

#include <stdio.h>

int main() { int n;
{ printf("Enter a No");
scanf("%d", &n);
int i = 1;

while(i <= n)

{

printf("%d", i);

i++;

}

return 0;

}

BWAP to print first N Natural Numbers in reverse order.

```
#include <stdio.h>
```

```
int main()
```

```
{
```

```
    int i = 1;
```

```
    printf("Enter a Number ");
```

```
    scanf("%d", &n);
```

```
    int
```

```
    while (i >= 1)
```

```
    {
```

```
        n = n - i;
```

```
        i++;
```

```
        printf("%d", n);
```

```
    }
```

```
    return 0;
```

```
}
```

Q4 WAP to input a Number and print all the even Nos
odd

```
#include <stdio.h>
```

```
int main()
```

```
{
```

```
    int n = 0;
```

```
    printf("Enter a No");
```

```
    scanf("%d", &n);
```

```
    int i = 1;
```

```
    while (i <= n)
```

```
    {
```

```
        printf("%d", i);
```

```
        i = i + 2;
```

```
    }
```

```
    return 0;
```

```
}
```

85 WAP to print first N odd Natural Numbers in reverse order.

```
#include <stdio.h>
```

```
int main()
```

```
{
```

```
    int i = 1;    int n = 0;
```

```
    int i =
```

```
    printf("Enter the NO ");
```

```
    scanf("%d", &n);
```

```
    while(i >= 1)
```

```
{
```

```
        n = 2*n - i;
```

```
        i = i + 2;
```

```
    }    printf("%d", n);
```

```
    return 0;
```

```
}
```

Q 6 WAP to print first 100 N even Natural
Nos

```
#include <stdio.h>
int main()
{
    int n = 0;
    printf("Enter a No");
    scanf("%d", &n);
    for (int i = 0; i <= n; i = i + 2)
    {
        printf("%d", i);
    }
    return 0;
}
```

```

Q7 # include <stdio.h>
int main()
{
    int i = 1; int n = 0;
    printf("Enter the NO ");
    scanf("%d", &n);
    while(i >= 0)
    {
        n = 2*n - i;
        i = i + 2;
    }
}

```

```
{ printf ("%d", n);  
  return 0;  
}
```


Q8 WAP to print squares of the first N Natural Numbers?

```
#include <stdio.h>
```

```
int main() { int n;  
    printf("Enter a No.");  
    scanf("%d", &n);  
    int i = 1;
```

```
    while(i <= N)
```

```
    {
```

```
        square = i * i;
```

```
        printf("%d", square);  
    }
```

```
} return 0;
```

Q9 WAP to print cubes of the first N Natural Numbers.

```
#include <stdio.h>
int main()
{
    int i = 0;    int nbl = 1;
    printf("Enter the No ");
    scanf("%d", &n);
    while (i <= n)
    {
        int nbl = 1 * i * i;
        printf("%d ", nbl);
    }
    return 0;
}
```

Q10 Write a program to print a table of n

```
#include <stdio.h>
```

```
int main()
```

```
{
```

```
    int i=0; int n=0;
```

```
    printf("Enter a Number");
```

```
    scanf("%d", &n);
```

```
    while(i <= n)
```

```
    {
```

```
        int product = i * n;
```

```
        i++;
```

```
printf("%d %d %d", i, n,
```

```
printf("%d * %d = %d",
```

```
    n, i, product);
```

```
}
```

```
return 0;
```

```
}
```