

Assignment - 5

(3)

- ① WAP to print MyBirG N times on the screen.

8

```
#include <stdio.h>
int main()
{
    int n;
    printf("enter a no. that you want
           to print MyBirG on the Screen");
    scanf("%d", &n);
    for (int i = 1; i <= n; i++)
    {
        printf("MyBirG \n");
    }
    return 0;
}
```

- (2) WAP to print the first N natural numbers

9

```
#include <stdio.h>
int main()
{
    int n;
    printf("enter a value of n:");
    scanf("%d", &n);
    for (int i = 1; i <= n; i++)
    {
        printf("%d \n", i);
    }
    return 0;
}
```

③ WAP to print first N natural numbers in reverse order

```
#include <stdio.h>
int main()
{
    int n;
    printf("Enter a value of n:");
    scanf("%d", &n);
    for(int i=n; i>=1; i--)
    {
        printf("%d\n", i);
    }
    return 0;
}
```

④ WAP to print the first N odd natural no

```
#include <stdio.h>
int main()
{
    int n;
    printf("Enter a value of n:");
    scanf("%d", &n); i=i+2;
    for(int i=1; i<=n; i= i+2)
    {
        printf("%d\n", i);
    }
    return 0;
}
```

5 WAP to print the first N odd natural no in reverse order

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

```
int main()
```

```
{ int n;
```

```
printf("enter an odd number  
value of n:");
```

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

```
for (int i=n; i>=1; i-=2)
```

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

```
}
```

```
return 0;
```

```
}
```

6 WAP to print the first N even natural numbers.

8

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

```
int main()
```

```
{ int n;
```

```
printf("enter an even value of n:");
```

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

```
for (int i=2; i<=n; i+=2)
```

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

```
}
```

```
return 0;
```

```
}
```

Q7 WAP to print first n^{even} natural no in reverse order.

SJ

```
#include <stdio.h>
int main()
```

```
{ int n;
printf("Enter a even value of n:");
scanf("%d", &n);
for(int i=n; i>=2; i-=2)
{
    printf("%d IN", i);
}
```

return 0;

y

Q8 WAP to print $\frac{\text{square}}{\text{cube}}$ of the first n natural numbers.

SJ

```
#include <stdio.h>
int main()
```

```
{ int n, s;
printf("Enter a value of n:");
scanf("%d", &n);
for(int i=1; i<=n; i++)
{
    s=i*i*i;
    printf("%d IN", s);
}
```

return 0;

y

9 Q WAP to print cube of first N natural numbers

SQ

#include < stdio.h>

int main()

{ int n, s;

printf("Enter a value of n");

scanf("%d", &n);

for (int i=1; i<=n; i++)

{

& s = i*i*i;

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

}

return 0;

}

10 Q WAP to print ~~cube~~ a table of N

#include < stdio.h>

int main()

{ int n;

printf("Enter a value of n");

scanf("%d", &n);

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

{

s = n*i;

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

}

return 0;

}