

# Assignment: 4

Date: 18.06.22

Time: 7:00 AM

1. 

```
#include <stdio.h>
#include <conio.h>
int main()
{
    printf("Hello Students");
}
```

2. 

```
#include <stdio.h>
#include <conio.h>
int main()
{
    printf("Hello n Students");
    getch();
}
```

3. 

```
#include <stdio.h>
#include <conio.h>
int main()
{
    printf("MySir G");
    getch();
}
```

4. 

```
#include <stdio.h>
#include <conio.h>
int main()
{
    printf("Teacher's Day");
    getch();
}
```

5. 

```
#include <stdio.h>
#include <conio.h>
int main()
{
    printf("\n");
    getch();
}
```

6. 

```
#include <stdio.h>
#include <conio.h>
int main()
{
    printf("%d");
    getch();
}
```

7. 

```
#include <stdio.h>
#include <conio.h>
int main()
{
    int a;
    float b;
    char c;
    a = 5;
    b = 5.5;
    c = 'A';
    printf("%d %f %c", a, b, c);
}
```

8. 

```
%i : Single integer format specifier
%lf : double float
%f : float data type
```

9. #include <stdio.h>  
#include <conio.h>  
int main()

```
{ char A;  
  printf("%c", A);  
  printf("ASCII value = %d", A);  
  getch();  
}
```

output: A  
65

10. Let, Decimal Number =  $(15)_{10}$   
Binary =  $(0000\ 1101)_2$

Let, Binary Number =  $(1010\ 0101)_2$   
Decimal Number =  $(165)_{10}$

$$\begin{array}{r}
 128\ 64\ 32\ 16\ 8\ 4\ 2\ 1 \\
 2^7\ 2^6\ 2^5\ 2^4\ 2^3\ 2^2\ 2^1\ 2^0 \\
 0\ 0\ 0\ 0\ 1\ 1\ 0\ 1 \\
 \hline
 1\ 0\ 1\ 0\ 0\ 1\ 0\ 1 \\
 = 2^7 + 2^5 + 2^2 + 2^0 \\
 = 128 + 32 + 4 + 1 \\
 = 165
 \end{array}$$

[End]