

Assignment-①

Input and output in C language.

- ① write a program to print Hello student on the screen.

```
#include <stdio.h>
#include <conio.h>
int main()
{
    printf("Hello Student");
    return 0;
}
```

- ② write a program to print 'Hello' in the first line and 'student' in the second line.

```
#include <stdio.h>
#include <conio.h>
int main()
{
    printf("Hello\n student");
    return 0;
}
```

- ③ write a program to print 'my sing' on the screen

```
#include <stdio.h>
int main()
{
    printf("My Sing");
    return 0;
}
```

④ WAP to find the area of the circle. Take radius of circle from user as input and print the result in below given format.

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

```
int main()
```

```
{
```

```
    int r;
```

```
    float a;
```

```
    printf("Enter radius of circle\n");
```

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

```
    a = 3.14 * r * r;
```

```
    printf("area is %.f", a);
```

```
    getch();
```

```
}
```

- ⑥ Write a program to print the name of the user in double quotes.

```
#include <stdio.h>
int main()
{
    char name[1000];
    printf("enter a name");
    gets(name);
    printf("\'%s\'", name);
    return 0;
}
```

- ⑦ Write a program to print "\n" on the screen.

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

- ⑧ Write a program to print "%d" on the screen.

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

9) write a program to print "\1" on the screen..

```
#include <stdio.h>
int main()
{
    printf("\1");
    return 0;
}
```

10) write a program to take date as an input in below given format and Convert the date format and display the result as given below.

```
#include <stdio.h>
int main()
{
    int a, b, c;
    printf("Enter the day");
    scanf("%d", &a);
    printf("Enter the Month");
    scanf("%d", &b);
    printf("Enter the Year");
    scanf("%d", &c);
    printf("The date is %d/%d/%d", a, b, c);
    return 0;
}
```

```
#include <stdio.h>
int main()
{
    int dd, mm, yy;
    printf("Enter the day");
    scanf("%d", &dd);
    printf("Enter the Month");
    scanf("%d", &mm);
    printf("Enter the Year");
    scanf("%d", &yy);
    printf("dd/mm/yy is %d/%d/%d", dd, mm, yy);
    return 0;
}
```

⑪ write a program to take time as an input in below given

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

```
int main()
```

```
{
```

```
    int HH, MM;
```

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

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

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

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

```
    printf("HH:MM is %d:%d", HH, MM);
```

```
    return 0;
```

```
}
```

⑫ Find output of below Code:

```
int main()
```

```
{
```

```
    int x = printf("inuron");
```

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

```
    return 0;
```

```
}
```

error