

ASSIGNMENT-1

Q1. WAP to print Hello students on the screen.

A. #include <stdio.h>
int main()
{
printf("Hello students");
return 0;
}

Q2. WAP to print Hello in the first line and students in second line.

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

Q3. WAP to print "My Sir G" on the screen.

A. #include <stdio.h>
int main()
{
printf("\My Sir G");
return 0;
}

Q4. WAP to ~~print~~ find the area of circle. Take radius of circle from user as input and print the result in below given format.

Expected output format - "Area of circle is A having the radius R". Replace A with area and R with radius.

```
A. #include <stdio.h>
int main()
{
    float R R, A;
    printf("Enter Radius of circle:");
    scanf("%f", &R);
    A = 3.14 * R * R;
    printf("Area of circle is %f having the radius
           %f", A, R);

    return 0;
}
```

Q5. WAP to calculate length of string using printf function.

```
A. #include <stdio.h>
#include <string.h>
int main()
{
    char C[50];
    int i=0, count=0;
```



```

printf("enter string:");
gets(c);
while (c[i] != '\0')
{
    count += 1;
    i++;
}
printf("length of string is: %d", count);
return 0;
}

```

Q6. WAP to print the name of the user in double quotes. Expected o/p format - "Hello, Ankit kumar"

A.

```

#include <stdio.h>
#include <string.h>
int main()
{
    char name[50];
    printf("Enter your name:");
    gets(name);
    printf("\" Hello, %s \", name);
    return 0;
}

```

Q7. WAP to print "%d" on screen.

A. #include <stdio.h>

int main()

{ printf("\n %%d\n");

return 0;

}

Q8. WAP to print "\n" on screen.

A. #include <stdio.h>

int main()

{ printf("\n\n\n");

return 0;

}

Q9. WAP to print "\\\" on screen.

A. #include <stdio.h>

int main()

{ printf("\\\\");

return 0;

}

Q10. WAP to take date as an input in below format and convert the date format and display the result as given below:

user input data format - "DD/MM/YYYY"

O/p format - "Day-DD, Month-MM, year-YYYY"

A. #include <stdio.h>

int main()

{

int date, month, year;

printf("enter date in format DD/MM/YYYY:");

scanf("%d/%d/%d", &date, &month, &year);

printf("Day-%d, Month-%d, Year-%d", date, month, year);

return 0;

}

Q11. WAP to take time as an input in given below format and convert time format and display the result as shown:

user i/p format - "HH:MM"

O/p format - "HH Hour and MM minute"

A. #include <stdio.h>

int main()

{

int hour, min;

printf("Enter time in format HH:MM:");

scanf("%d:%d", &hour, &min);

printf("%d Hour and %d Minute", hour, min);

return 0; }

Q12. Find output of given below code:

```
int main()
```

```
{ int x = printf("ineuron");
```

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

```
return 0;
```

```
}
```

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