

## **Assignment-2: More on printf and scanf**

1. Write a program to calculate average of three integers. Numbers are given by the user.
2. Write a program to calculate circumference of a circle.
3. Write a program to calculate simple interest.
4. Write a program to calculate volume of a cuboid.
5. Write a program to ask user about the cost price and selling price banana per dozen. Calculate the profit or loss earned upon selling 25 bananas.
6. Write a program to input a character from the user and print its ASCII code.
7. Write a program to input an ASCII code from the user and print its corresponding character.
8. Write a program to input three characters from the user and display characters with their corresponding ASCII codes.
9. WAP to take date as an input in below given format and convert the date format and display the result as given below.  
User Input date format – “DD/MM/YYYY” (27/11/2022)  
Output format – “Day – DD , Month – MM , Year – YYYY” (Day – 27 Month – 07 Year – 2022)
10. WAP to take time as an input in below given format and convert the time format and display the result as given below.  
User Input date format – “HH MM”

```
1 #include<stdio.h>
2 int main()
3 {
4     int a,b,c,d;
5     printf("Enter the three no.");
6     scanf("%d %d %d",&a,&b,&c);
7     d=(a+b+c)/3;
8     printf("Average of three no.%d",d);
```

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als) assig2.1.cpp assig2.2.cpp assig2.3.cpp assig2.4.cpp assig2.5.cpp assig2.6.c  
g  
1 #include<stdio.h>  
2 int main(){  
3     int r;  
4     float a;  
5     printf("Enter the radius ");  
6     scanf("%d",&r);  
7     a=2*3.14*r;  
8     printf("Circumference of a circle is %0.2f",a);  
9  
10 }
```

```
1s)  
assig2.1.cpp assig2.2.cpp assig2.3.cpp assig2.4.cpp assig2.5.cpp assig2.6.cpp  
1 #include<stdio.h>  
2 int main(){  
3     int p,t;  
4     float SI,r;  
5     printf("Enter the principle amount ");  
6     scanf("%d",&p);  
7     printf("Enter the time boundatation ");  
8     scanf("%d",&t);  
9     printf("Enter the rate of interst ");  
10    scanf("%f",&r);  
11    SI=(p*r*t)/100;  
12    printf("Simple Interst is %.2f",SI);  
13 }
```

C:\Users\hp\Documents\C programming\assig2.3.cpp

assig2.1.cpp assig2.2.cpp assig2.3.cpp assig2.4.cpp assig2.5.cpp assig2.6.cpp

```
1 #include<stdio.h>
2 int main(){
3     int l,b,h,v;
4     printf("Enter the length of cuboid ");
5     scanf("%d",&l);
6     printf("Enter the Breadth of cuboid ");
7     scanf("%d",&b);
8     printf("Enter the Height of cuboid ");
9     scanf("%d",&h);
10    v=l*b*h;
11    printf("Volume of cuboid is %d",v);
12 }
```

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assig2.1.cpp assig2.2.cpp assig2.3.cpp assig2.4.cpp assig2.5.cpp assig2.6.cpp

```
1 #include<stdio.h>
2 int main(){
3     int cp,sp;
4     float profit;
5     printf("Enter the cost price ");
6     scanf("%d",&cp);
7     printf("Enter the selling price ");
8     scanf("%d",&sp);
9     profit=((sp-cp)*25)/12;
10    printf("Profit is %f",profit);
11 }
```

C:\Users\hp\Documents\

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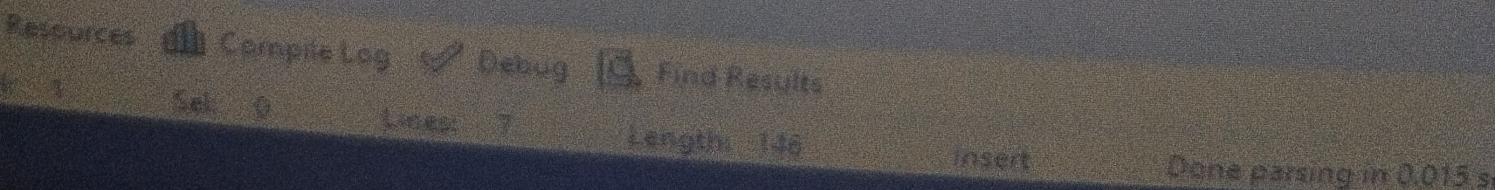
Col: 1 Set: 0 Lines: 11 Length: 234 Insert Done parsing in 0.015 sec

A screenshot of a Windows desktop environment. At the top, there's a taskbar with various icons. Below it is a window titled 's)' containing a code editor. The code editor has tabs for 'assig2.1.cpp', 'assig2.2.cpp', 'assig2.3.cpp', 'assig2.4.cpp', 'assig2.5.cpp', and 'assig2'. The main pane of the editor shows the following C++ code:

```
1 #include<stdio.h>
2 int main(){
3     char ch;
4     printf("Enter an character ");
5     scanf("%c",&ch);
6     printf("ASCII Code is given character is %d",ch);
7 }
```

assig2.1.cpp assig2.2.cpp assig2.3.cpp assig2.4.cpp assig2.5.cpp assig2.6.cpp

```
1 #include<stdio.h>
2 int main(){
3     int ch;
4     printf("Enter the ASCII Code ");
5     scanf("%d",&ch);
6     printf("Charresponding character is %c",ch);
7 }
```



```
1 #include<stdio.h>
2 int main(){
3     char ch1, ch2, ch3;
4     printf("Enter the three characters ");
5     scanf("%c\n%c\n%c", &ch1, &ch2, &ch3);
6     printf("%c-%c\n", ch1, ch1);
7     printf("%c-%c\n", ch2, ch2);
8     printf("%c-%c\n", ch3, ch3);
9 }
```

assig2.1.cpp assig2.2.cpp assig2.3.cpp assig2.4.cpp assig2.5.cpp assig2.6.cpp

```
1 #include<stdio.h>
2 int main(){
3     int date,month,year;
4     printf("Enter DD/MM/YYYY: ");
5     scanf("%d/%d/%d", &date, &month, &year);
6     printf("Date-%d Month-%d Year-%d", date, month, year);
7 }
```

assig2.1.cpp assig2.2.cpp assig2.3.cpp assig2.4.cpp assig2.5.cpp assig2.6.cpp

```
1 #include<stdio.h>
2 int main(){
3     int hour,minute;
4     printf("Enter HH:MM ");
5     scanf("%d:%d",&hour,&minute);
6     printf("%d Hours & %d Minutes",hour,minute);
7 }
```

Resources Compile Log Debug Find Results  
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