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```

1  #include<stdio.h>
2  int main()
3  {   int a,b,c,d,e,f;
4      printf("enter the three digit no\n");
5      scanf("%d",&a);
6      b=a%10;
7      c=a/10;
8      d=c%10;
9      e=a/100;
10     f=e+d+b;   (const char [30])"sum of your 3 digit no is %d "
11     printf("sum of your 3 digit no is %d ",f);
12
13
14 }
15

```

Windows PowerShell
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PS C:\Users\md shahid akhtar\c tutorial courses> cd "c:\Users\md shahid akhtar\c tutorial courses\" ; if (\$?) { g++ ass2Q5.C -o ass2Q5 } ; if
 }
 enter the three digit no
 675
 sum of your 3 digit no is 18
 PS C:\Users\md shahid akhtar\c tutorial courses> |


```

C ass2Q6.c > main()
1  #include<stdio.h>
2  int main()
3  {
4      char a;
5      printf("enter the chracter");
6      scanf("%c",&a);
7      printf("%d",a);
8  }
    
```

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```

PS C:\Users\md shahid akhtar\c tutorial courses> cd "c:\Users\md shahid akhtar\c tutorial courses\" ; if ($?) { gcc ass2Q6.c -o ass2Q6 } ; if
}
enter the chracterA
65
PS C:\Users\md shahid akhtar\c tutorial courses> 
    
```

SOURCES

ntno1Qno5.c

ntno1Qno5....

ent1Q1.c

ent101.exe

entno1Q7.c

entno107.exe

C

.exe

C

.exe

ural.c

ural.exe

alno.c

alno.exe

ring.exe

noandeven...

noandeven...

eRunnerFile.c

indoublecot...

student.c

```
C assno2Q7.c >  main()
```

```
1 #include<stdio.h>
2 int main()
3 {
4     int a,result,count=0;
5     printf("enter the no\n");
6     scanf("%d",&a);
7     result=a&1;
8     while(result!=1)
9     {
10         count=count+1;
11         a=a>>1;
12         result=a&1;
13         if(result==1)
14             break;
15     }
16     count=count-1;
17 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

> Code

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```
PS C:\Users\md shahid akhtar\c tutorial courses> cd "c:\Users\md shahid akhtar\c tutorial courses\" ; if ($?) { gcc assno207.c -o assno207 }
no207 }
```

enter the no

24

4

```
PS C:\Users\md shahid akhtar\c tutorial courses>
```

```

C ass2q8.c > main()
1  #include<stdio.h>//write a program for whether given no is even or odd using bitwise operator
2  int main()
3  {
4      int a,result;
5      printf("enter the no\n");
6      scanf("%d",&a);
7      result=a&1;
8      if(result==1)
9          printf("your no is odd");
10     else
11         printf("your no is even");
12     return 0;
13
14
15 }
    
```

PROBLEMS
 OUTPUT
 DEBUG CONSOLE
 TERMINAL
Code

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```

PS C:\Users\md shahid akhtar\c tutorial courses> cd "c:\Users\md shahid akhtar\c tutorial courses\" ; if ($?) { gcc ass2q8.c -o ass2q8 } ; if
}
enter the no
11
your no is odd
PS C:\Users\md shahid akhtar\c tutorial courses> cd "c:\Users\md shahid akhtar\c tutorial courses\" ; if ($?) { gcc ass2q8.c -o ass2q8 } ; if
}
enter the no
12
your no is even
PS C:\Users\md shahid akhtar\c tutorial courses>
    
```



```

C assno2Q9.c > main()
1  #include<stdio.h>
2  int main()
3  {
4      int a;
5      float b;
6      char c;
7      double d;
8      a=sizeof(int);
9      printf("size of int is %d\n",a);
10     b=sizeof(float);
11     printf("size of float is %d\n",b);
12     c=sizeof(char);
13     printf("size of char is %d\n",c);
14     d=sizeof(double);
15     printf("size of double is %d\n",d);
16     return 0;

```

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PS C:\Users\md shahid akhtar\c tutorial courses> cd "c:\Users\md shahid akhtar\c tutorial courses\" ; if (\$?) { gcc assno2Q9.c -o assno2Q9 }
 no2Q9 }
 size of int is 4
 size of float is 0
 size of char is 1
 size of double is 0
 PS C:\Users\md shahid akhtar\c tutorial courses>

```
1  #include<stdio.h>
2  int main()
3  {   int a;
4      printf("enter the no");
5      scanf("%d",&a);
6      a=a/10;
7      a=a*10;
8      printf("%d",a);
9
10 }
```

Code

```
PS C:\Users\md shahid akhtar\c tutorial courses>
```



```

C ASS2Q11.c > main()
1  #include<stdio.h>
2  int main()
3  {
4      int a,b,c;
5      printf("enter a three digit no");
6      scanf("%d",&a);
7      printf("enter the one digit no");
8      scanf("%d",&b);
9      a=a/10;
10     a=a*10;
11     c=a+b;
12     printf("%d",c);
13
14 }
    
```

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```

PS C:\Users\md shahid akhtar\c tutorial courses> cd "c:\Users\md shahid akhtar\c tutorial courses\" ; if ($?) { gcc ASS2Q11.c -o ASS2Q11 } ;
11 }
enter a three digit no456
enter the one digit no9
459
PS C:\Users\md shahid akhtar\c tutorial courses>
    
```

```
PS C:\Users\md shahid akhtar\c tutorial courses>
```

```

C ASS2Q13.c > ...
1  #include<stdio.h>
2  int main()
3  {   int a,b,c;
4      printf("enter the three digit no");
5      scanf("%d",&a);
6      b=a%10;
7      a=a/10;
8      b=b*100;
9      c=a+b;
10     printf("%d",c);
11     return 0;
12
13 }
14

```

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Code

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PS C:\Users\md shahid akhtar\c tutorial courses> cd "c:\Users\md shahid akhtar\c tutorial courses\" ; if (\$?) { gcc ASS2Q13.c -o ASS2Q13 } ;
 13 }
 enter the three digit no567
 756
 PS C:\Users\md shahid akhtar\c tutorial courses> |

SOURCES
son
erbyuser.c
erbyuser.exe

```

C ass2Q1.c > main()
1  #include<stdio.h>
2  int main()
3  {
4      int a;
5      printf("enter the number\n");
6      scanf("%d",&a);
7      printf("%d",a%10);
8      return 0;
9
10 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

Code

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```

PS C:\Users\md shahid akhtar\c tutorial courses> cd "c:\Users\md shahid akhtar\c tutorial courses\" ; if ($?) { gcc ass2Q1.c -o ass2Q1 } ; if
}
```

enter the number

456

6

```

PS C:\Users\md shahid akhtar\c tutorial courses> 
```

```

C ass2Q2.c > main()
1  #include<stdio.h>
2  int main ()
3  {   int a;
4      printf("enter the no\n");
5      scanf("%d",&a);
6      printf("no without a unit digit is %d",a/10);
7      return 0;
8  }
    
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

Code

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```
PS C:\Users\md shahid akhtar\c tutorial courses> cd "c:\Users\md shahid akhtar\c tutorial courses\" ; if ($?) { gcc ass2Q2.c -o ass2Q2 } ; if
```

```
}
enter the no
```

```
456
```

```
no without a unit digit is 45
```

```
PS C:\Users\md shahid akhtar\c tutorial courses> |
```