

LAB MANUAL 4 HOME TASK

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HOME TASK-1

```
#include <iostream>
using namespace std;
int main () {
   for(int i=1;i<=150;i++){
        if(i%10!=0)

cout<<ii<endl;}
return 0;
}</pre>
```

HOME TASK-2

```
#include <iostream>
using namespace std;
int main(){
   int num;
   int sum=0;
   cout<<"Enter the number"<<endl;
   cin>>num;
   while( num>0){
       sum=sum+num%10;
       num=num/10;
   }
   cout<<"sum of digits are "<<endl;
   cout<<sum<<endl;
   return 0;
}</pre>
```

```
Enter the number
98765
sum of digits are
35
-----
Process exited after 2.78 seconds with return value 0
Press any key to continue . . . _
```

```
#include<iostream>
 using namespace std;
int main(){
      int num;
       int count=0;
       cout<<"Enter number to check prime number"<< endl;</pre>
       cin>>num;
]
       if( num<=1){</pre>
       cout<<"The number is not prime"<<endl;}</pre>
       else{for( int i=2;i<num;++i)</pre>
           if( num%i==0)
           count++;
       }
]
       if(count==0)
       cout<<"The number is prime"<<endl;</pre>
]
          cout<<"The number is not prime"<<endl;
       }
       return 0;
      }}}
```

```
Enter number to check prime number
11
The number is prime
-----Process exited after 6.524 seconds with return value 0
Press any key to continue . . .
```