

Lab number #4

HOMETASK

FUNDAMENTAL OF PROGRAMMING

ME-15-B

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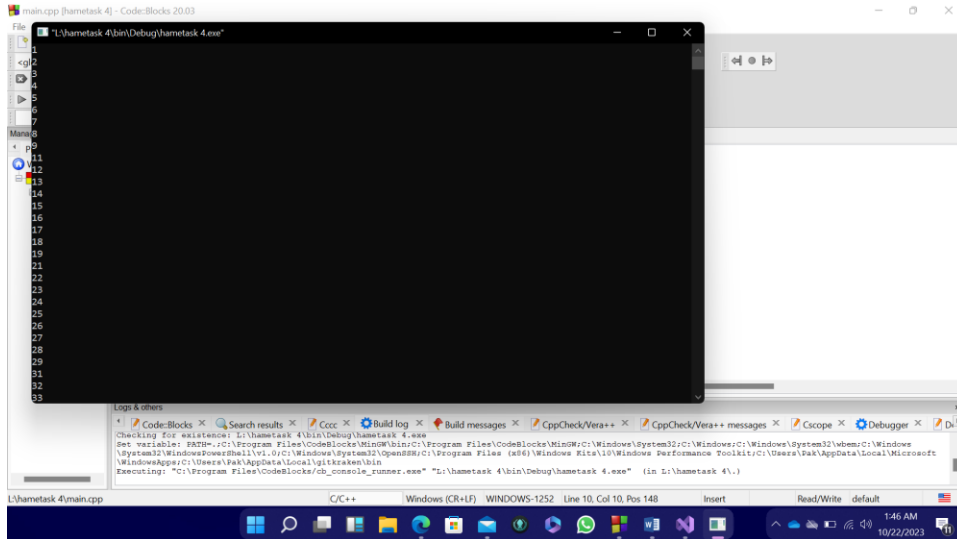
Home task #1

```
#include <iostream>

using namespace std;

int main() {
    for (int a=1;a<=150;a++){
        if (a%10!=0){
            cout<<a<<endl;

        }
    }
    return 0;
}
```



HOME TASK #2

```
#include <iostream>

using namespace std;

int main(){

    int a;

    cout << "enter the number" << endl;

    cin >> a;

    int sum = 0;

    while (a > 0) {

        int rem = a % 10;

        sum += rem;

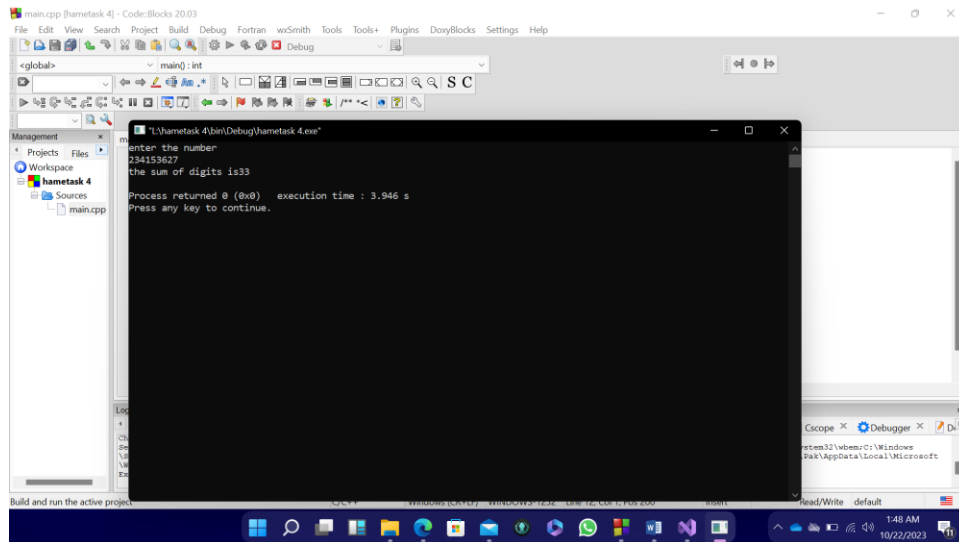
        a = a / 10;

    }

    cout << "the sum of digits is" << sum << endl;

    return 0;

}
```



HOME TASK#3

```
#include <iostream>

using namespace std;

int main(){

int a,i,n=0;

cout<<"enter the nuber a";

cin>>a;

for(i=1;i<=a;i++){

    if(a%i==0){

        n++;

    }

}

if(n==2){

    cout<<"a is prime"<<endl;

}

else{
```

```
cout<<"a is not prime"<<endl;
```

```
}
```

```
return 0;
```

```
}
```

