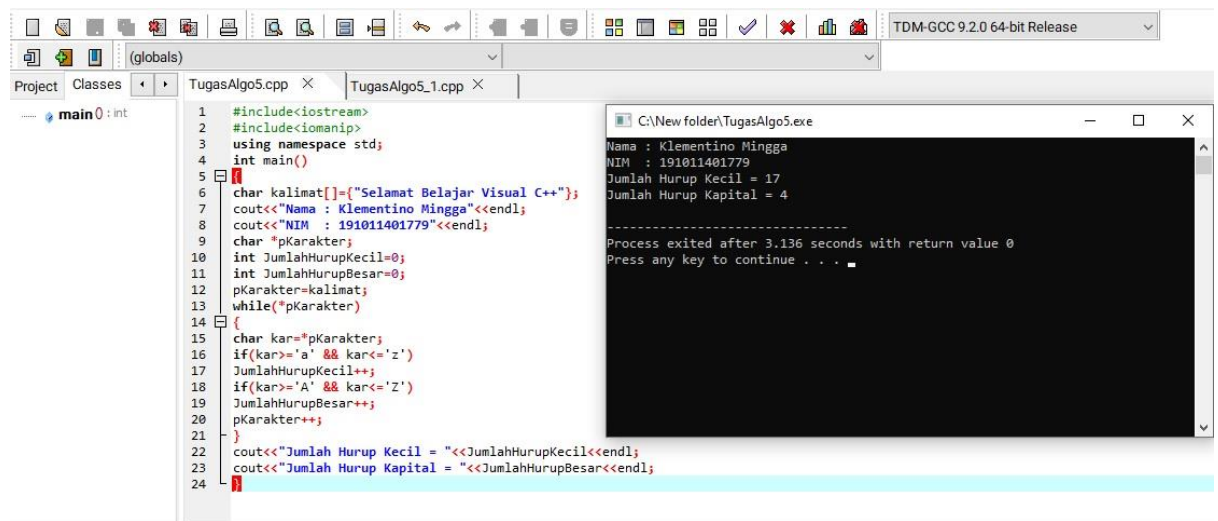Nama : Klementino Mingga

Nim : 191011401779

1.
```cpp
#include<iostream>
#include<iomanip>
using namespace std;
int main()
{
char kalimat[]={"Klementino Mingga"};
cout<<"Nama : Klementino Mingga"<<endl ;
cout<<"Nim : 191011401779"<<endl;
char *pKarakter;
int JumlahHurupKecil=0;
int JumlahHurupBesar=0;
pKarakter=kalimat;
while(*pKarakter)
{
char kar=*pKarakter;
if(kar>='a' && kar<='z')
JumlahHurupKecil++;
if(kar>='A' && kar<='Z')
JumlahHurupBesar++;
pKarakter++;
}
cout<<"Jumlah Hurup Kecil = "<<JumlahHurupKecil<<endl;
cout<<"Jumlah Hurup Kapital = "<<JumlahHurupBesar<<endl;
}
```

```c
2.  #include<stdio.h>

#define JML_MHS 9 //Banyaknya Mahasiswa

#define JML_MK 5 //Jumlah mata Kuliah /

int main()

{

    printf("Nama : Klementino Mingga");

    printf("\n");

    printf("Nim : 191011401779");

    printf("\n");

    int i,k;

    int *pNilaiMHS[JML_MHS],NILAI[JML_MHS][JML_MK];

    FILE *pF;

    for(i=0;i<=JML_MHS-1;i++)

{

    pNilaiMHS[i]=NILAI[i];

}

    if((pF=fopen("C:\\kampus\\program\\c++\\array3\\data.txt","r"))==NULL)

{

printf("File tidak dapat dibuka\n");

}

else

{

    for(i=0;i<JML_MHS;i++)

    for(k=0;k<JML_MK;k++)

    fscanf(pF,"%d",&NILAI[i][k]);

}

    for(i=0;i<JML_MHS;i++)
```

```c
{
    for(k=0;k<JML_MK;k++)
    {
printf("%d ",*pNilaiMHS[i]++);
    }
printf("\n");
}
fclose(pF);
}
```



```c
#include<stdio.h>
#define JML_MHS 9 //Banyaknya Mahasiswa
#define JML_MK 5 //Jumlah mata Kuliah
int main()
{
    printf("Nama : Klementino Minngga");
    printf("\n");
    printf("Nim  : 191011401779");
    printf("\n");
int i,k;
int *pNilaiMHS[JML_MHS],NILAI[JML_MHS][JML_MK];
FILE *pF;
for(i=0;i<=JML_MHS-1;i++)
{
pNilaiMHS[i]=NILAI[i];
}
if((pF=fopen("C:\\kampus\\program\\c++\\array3\\data.txt","r"))==NULL)
{
printf("File tidak dapat dibuka\n");
}
else
{
for(i=0;i<JML_MHS;i++)
for(k=0;k<JML_MK;k++)
fscanf(pF,"%d",&NILAI[i][k]);
}
for(i=0;i<JML_MHS;i++)
{
for(k=0;k<JML_MK;k++)
{
printf("%d ",*pNilaiMHS[i]++);
}
printf("\n");
}
fclose(pF);
}
```

Output:
```
Nama : Klementino Minngga
Nim  : 191011401779
0 10 20 30 40
1 11 21 31 41
2 12 22 32 42
3 13 23 33 43
4 14 24 34 44
5 15 25 35 45
6 16 26 36 46
7 17 27 37 47
8 18 28 38 48

------------------------------
Process exited after 3.894 seconds with return value 0
Press any key to continue . . .
```