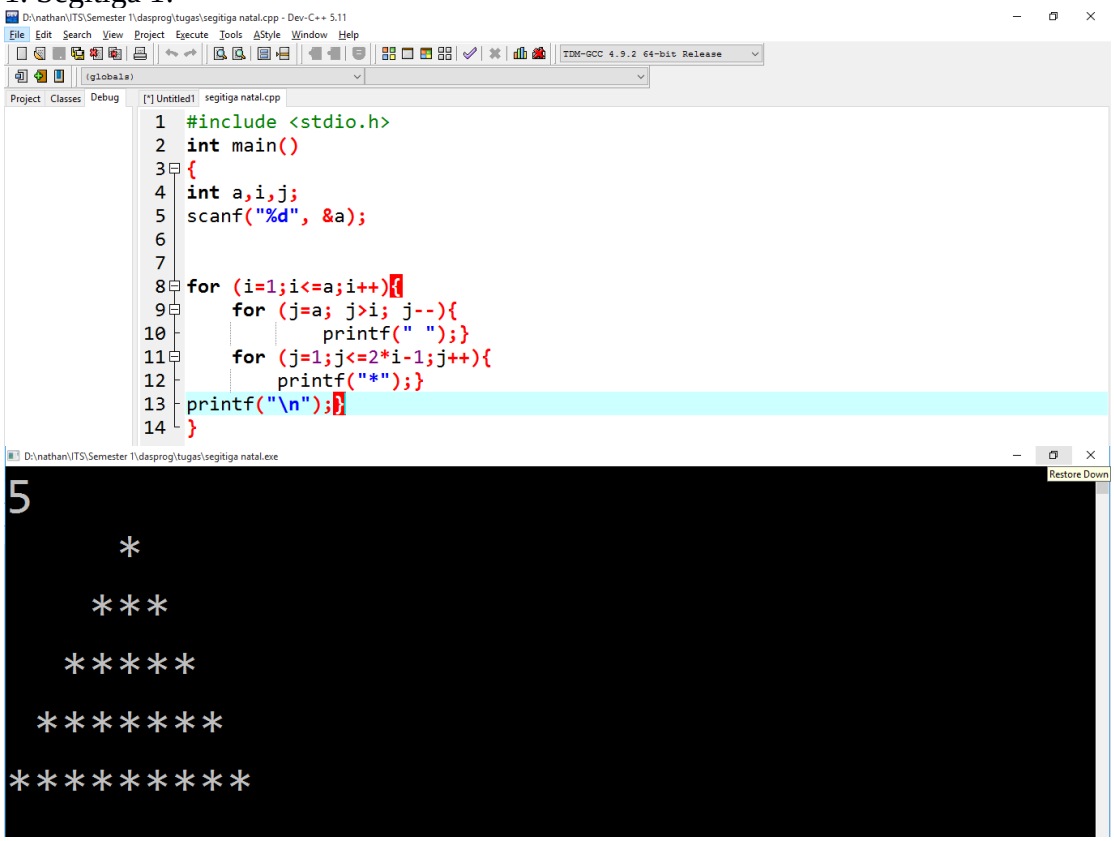
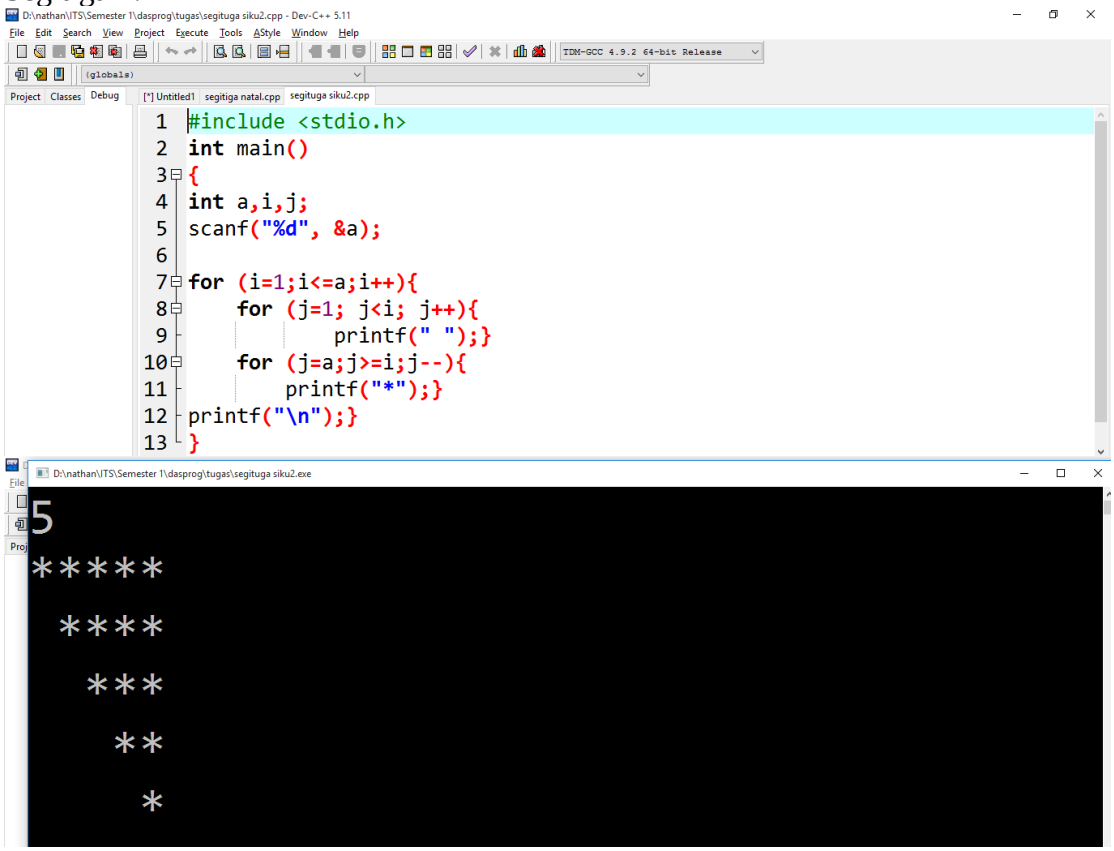
Nathanael Hutama H.
07211940000044

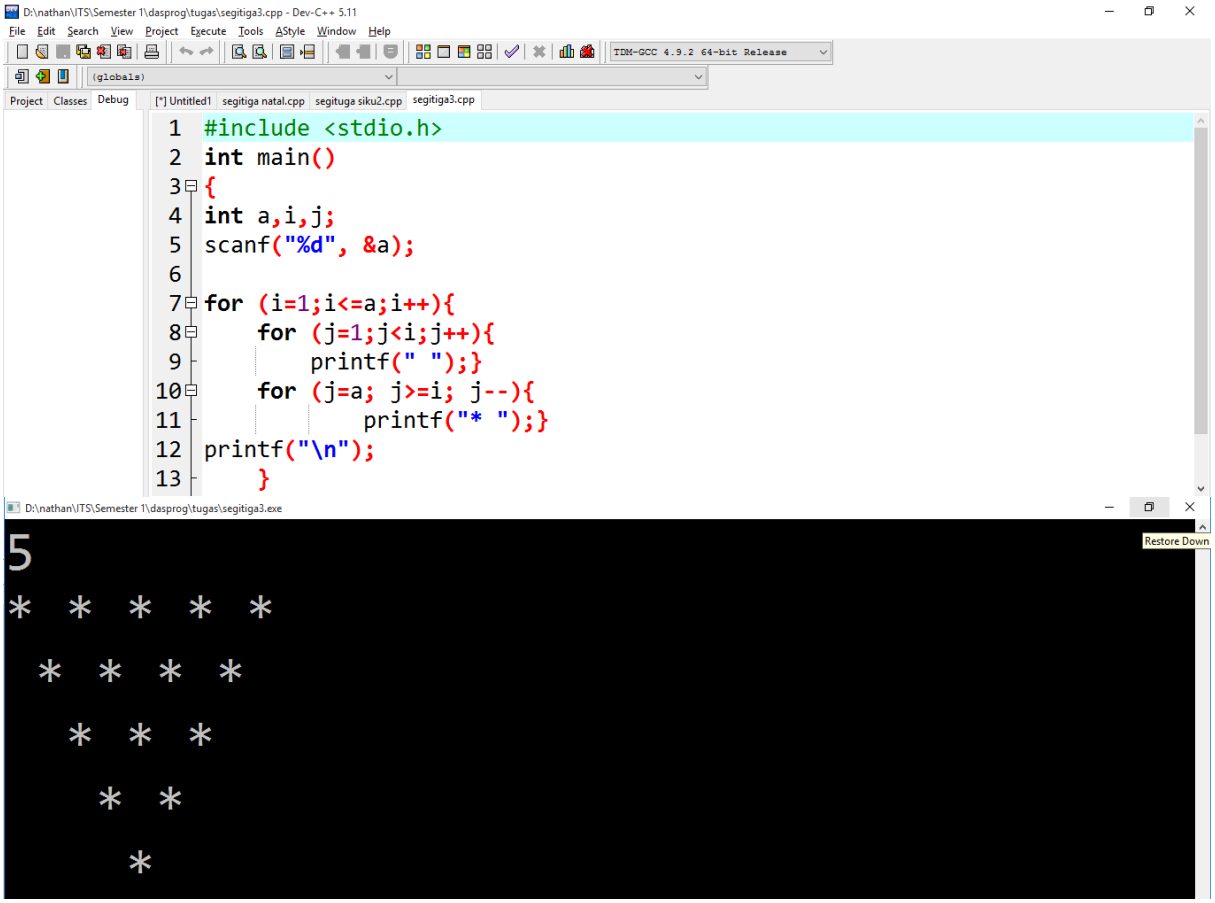
1. Segitiga 1:



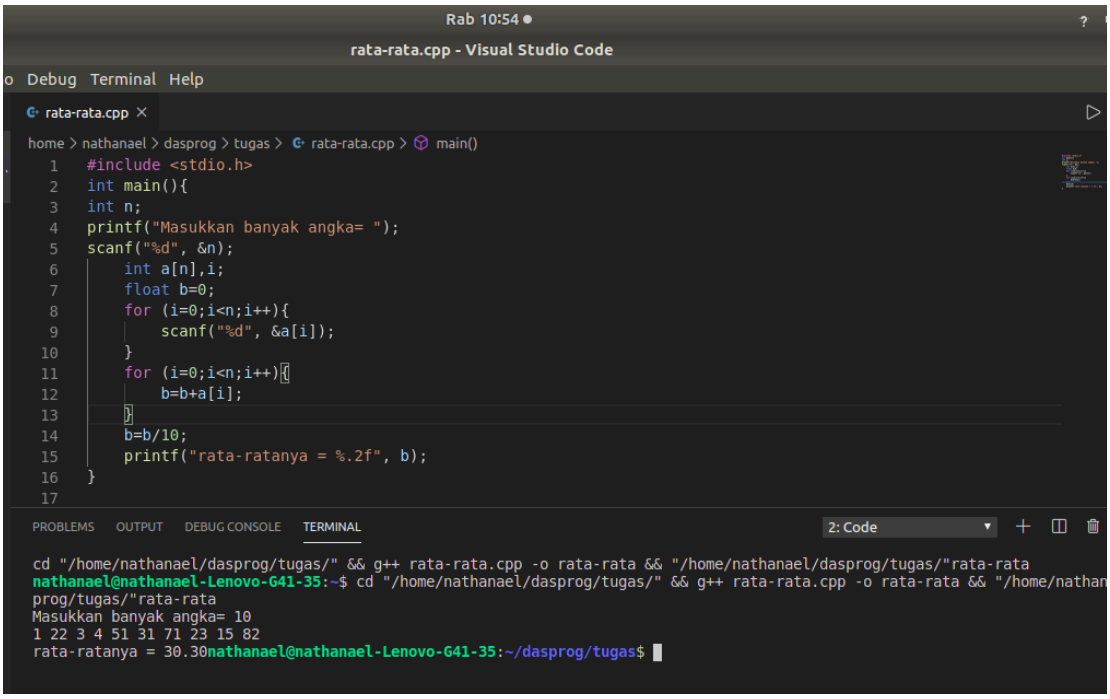
Segitiga 2:



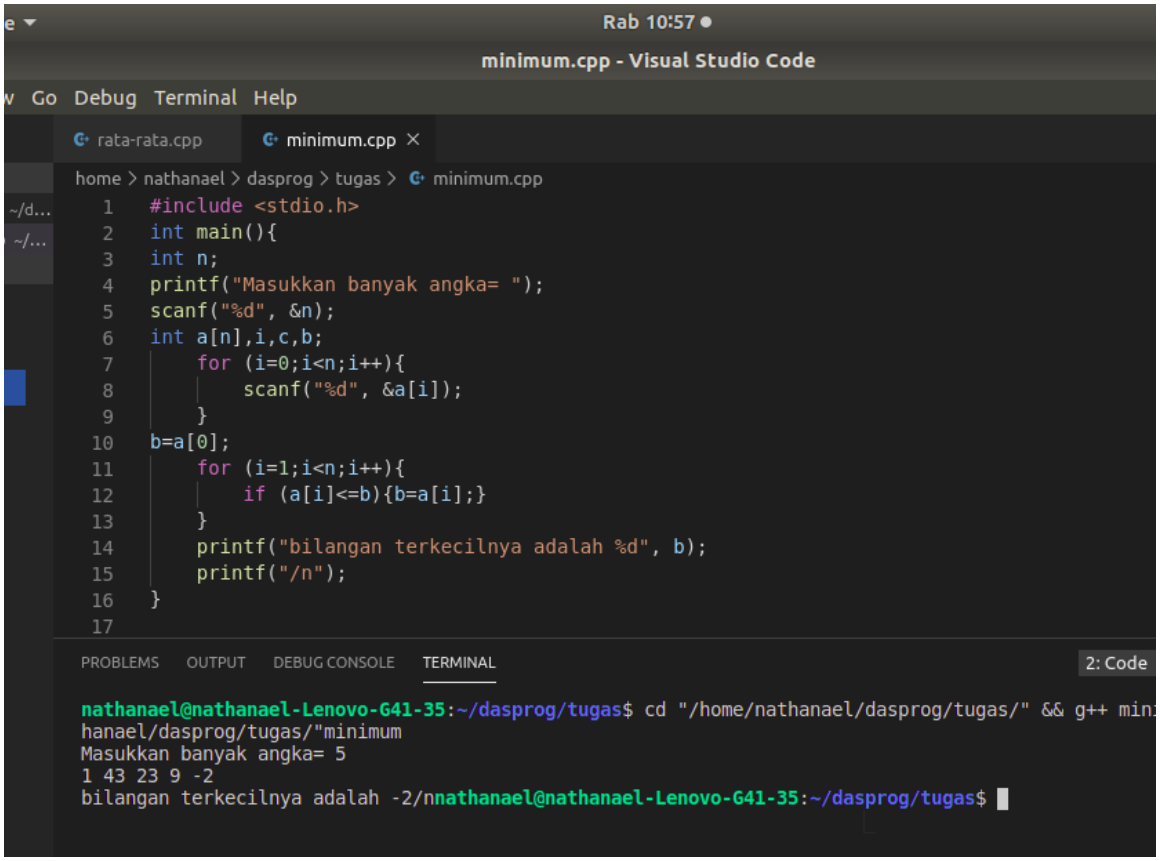
Segitiga 3:



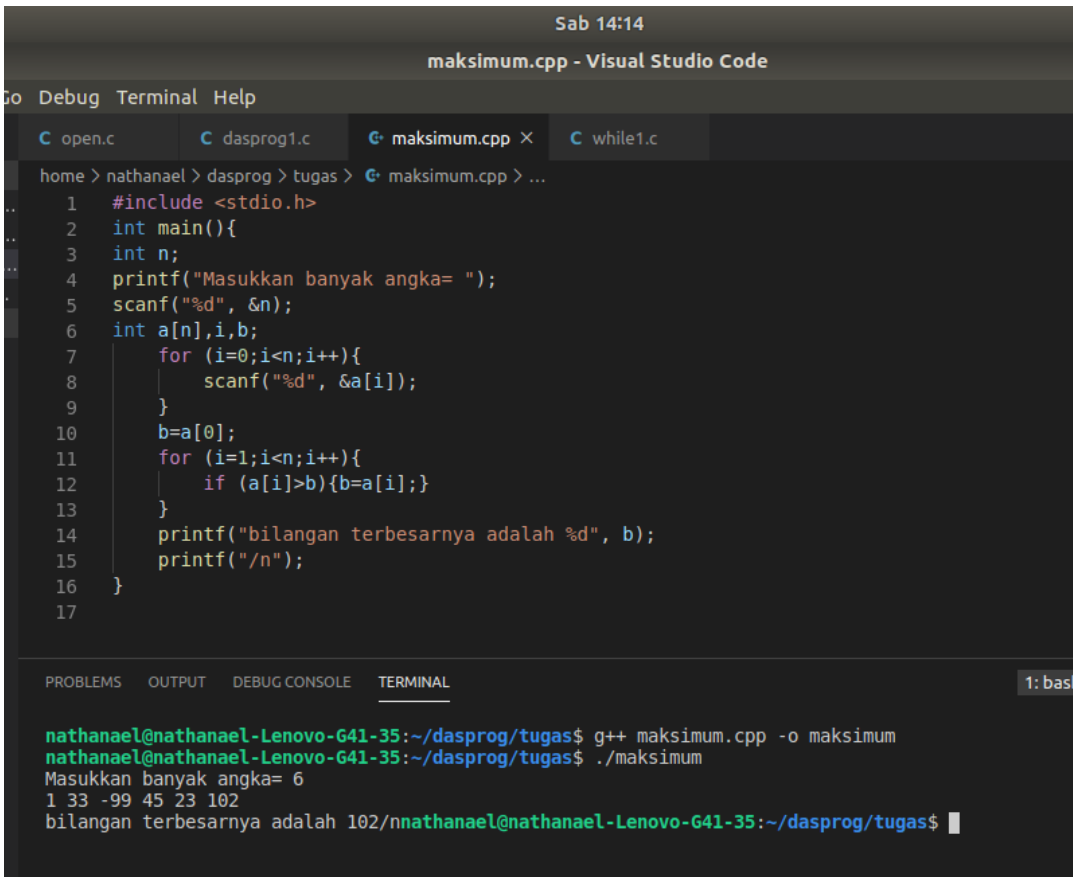
2. Rata-rata:



Nilai Min :



Nilai Max :



3. Pengurangan Matriks :

home > nathanael > dasprog > array > penguranganmatriks.cpp > main()

```c
//pengurangan matriks
#include <stdio.h>
int main(){
int baris, kolom;
    printf("Masukkan jumlah baris = "); scanf("%d", &baris);
    printf("Masukkan jumlah kolom = "); scanf("%d", &kolom);
int a[baris][kolom], b[baris][kolom],i,j, hasil;
    printf("Masukkan anggota matriks a=\n");
    for (i=0;i<baris;i++){
        for (j=0;j<kolom;j++){
            scanf("%d", &a[i][j]);
        }
    }

    printf("Masukkan anggota matriks b=\n");
    for (i=0;i<baris;i++){
        for (j=0;j<kolom;j++){
            scanf("%d", &b[i][j]);
        }
    }

//untuk ngeprint hasil pengurangan
printf("hasil pengurangannya adalah =\n");
for (i=0;i<baris;i++){
    for (j=0;j<kolom;j++){
        hasil=a[i][j]-b[i][j];
        printf("%d ", hasil);
        hasil=0;
    }
    printf("\n");
  }
}
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

```
nathanael@nathanael-Lenovo-G41-35:~/dasprog/array$ g++ penguranganmatri
nathanael@nathanael-Lenovo-G41-35:~/dasprog/array$ ./penguranganmatriks
Masukkan jumlah baris = 3
Masukkan jumlah kolom = 3
Masukkan anggota matriks a=
1 2 3 4 5 6 7 8 9
Masukkan anggota matriks b=
9 8 7 6 5 4 3 2 1
hasil pengurangannya adalah =
-8 -6 -4
-2 0 2
4 6 8
nathanael@nathanael-Lenovo-G41-35:~/dasprog/array$
```

Penjumlahan Matriks :

home > nathanael > dasprog > array > penjumlahanmatriks.cpp > main()

```cpp
//penjumlahan matriks
#include <stdio.h>
int main(){
int baris, kolom;
    printf("Masukkan jumlah baris = "); scanf("%d", &baris);
    printf("Masukkan jumlah kolom = "); scanf("%d", &kolom);
int a[baris][kolom], b[baris][kolom],i,j, hasil;
    printf("Masukkan anggota matriks a=\n");
    for (i=0;i<baris;i++){
        for (j=0;j<kolom;j++){
            scanf("%d", &a[i][j]);
        }
    }

    printf("Masukkan anggota matriks b=\n");
    for (i=0;i<baris;i++){
        for (j=0;j<kolom;j++){
            scanf("%d", &b[i][j]);
        }
    }

//untuk ngeprint hasil penjumlahan
printf("hasil penjumlahannya adalah =\n");
for (i=0;i<baris;i++){
    for (j=0;j<kolom;j++){
        hasil=a[i][j]+b[i][j];
        printf("%d ", hasil);
        hasil=0;
    }
    printf("\n");
  }
}
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL 1: bash

```
nathanael@nathanael-Lenovo-G41-35:~/dasprog/array$ g++ penjumlahanmatriks.cpp -o penjumlahanmatriks
nathanael@nathanael-Lenovo-G41-35:~/dasprog/array$ ./penjumlahanmatriks
Masukkan jumlah baris = 3
Masukkan jumlah kolom = 3
Masukkan anggota matriks a=
1 2 3 4 5 6 7 8 9
Masukkan anggota matriks b=
1 2 3 4 5 6 7 8 9
hasil penjumlahannya adalah =
2 4 6
8 10 12
14 16 18
nathanael@nathanael-Lenovo-G41-35:~/dasprog/array$
```

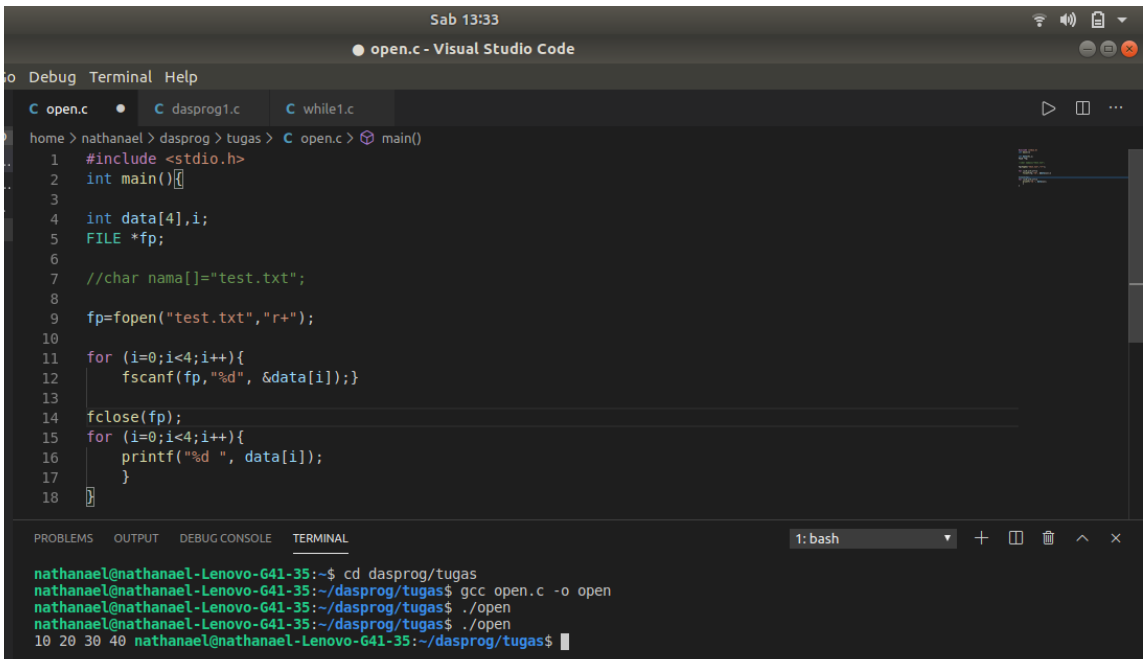
Ln 1, Col 1 Tab Size:

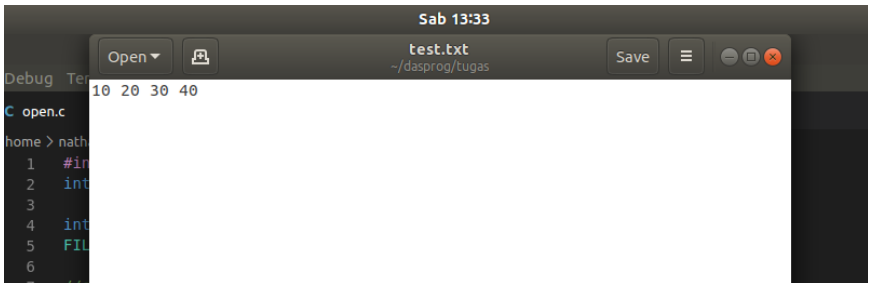
4. Reversed inputted value :

```c
#include <stdio.h>
int c=0;
int fungsi (int a){
int b;
if (a<0){a=a*-1;
    printf("Setelah dibalik = -");}
else {printf("Setelah dibalik = ");}

while (a>0){
    b=a%10;
    c=c*10+b;
    a=a/10;}
return c;
}

int main(){
int a;
printf("Masukkan angka = ");
scanf("%d",&a);

fungsi(a);
printf("%d",c);
printf("\n");
}
```

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL

nathanael@nathanael-Lenovo-G41-35:~/dasprog/tugas$ gcc printkebalik.c -o printkebalik
nathanael@nathanael-Lenovo-G41-35:~/dasprog/tugas$ ./printkebalik
Masukkan angka = -23451
Setelah dibalik = -15432
```

5. Program membaca file :





Program menulis data ke file :