

PANCAR WAHYU SETIABI

H1D024018

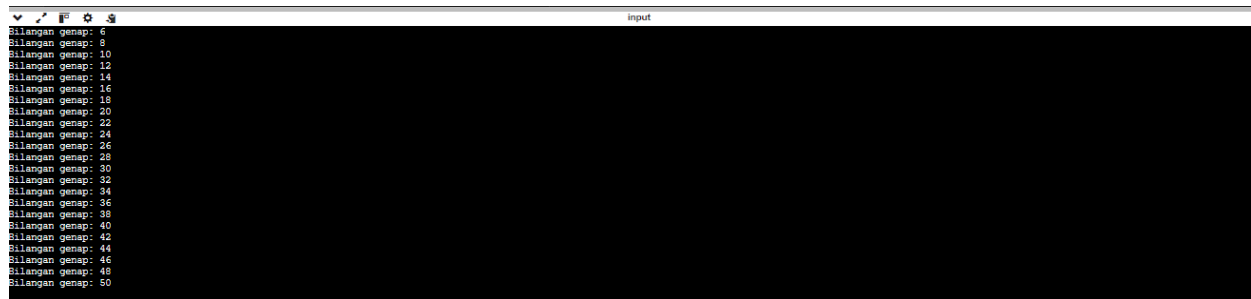
SHIFT F

1. MENAMPILKAN BILANGAN GENAP DARI 1 <= 50.

- Menggunakan Bahasa C

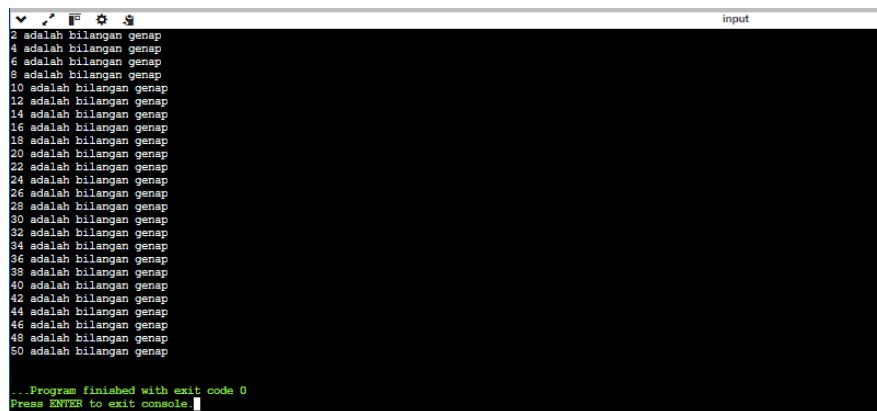
```
#include <stdio.h>
```

```
int main()
{
    for (int i = 1; i <= 50; i++)
        if (i % 2 == 0) {
            printf("Bilangan genap: %d\n", i);
        }
    return 0;
}
```

A screenshot of a terminal window showing the output of a C program. The output lists even numbers from 2 to 50, each preceded by the text "Bilangan genap:". The numbers are: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, and 50. The terminal window has a title bar with standard icons and the word "input" on the right.

- Menggunakan Bahasa python

```
for i in range (1, 50+1):
    if i % 2 == 0:
        print(i, "adalah bilangan genap.")
```

A screenshot of a terminal window showing the output of a Python program. The output lists even numbers from 2 to 50, each preceded by the text "adalah bilangan genap:". The numbers are: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, and 50. The terminal window has a title bar with standard icons and the word "input" on the right. At the bottom, it shows "...Program finished with exit code 0" and "Press ENTER to exit console".

2. MENJUMLAHKAN DERET BILANGAN DARI 1 HINGGA BILANGAN YANG DIINPUT OLEH PENGGUNA

- Menggunakan Bahasa C

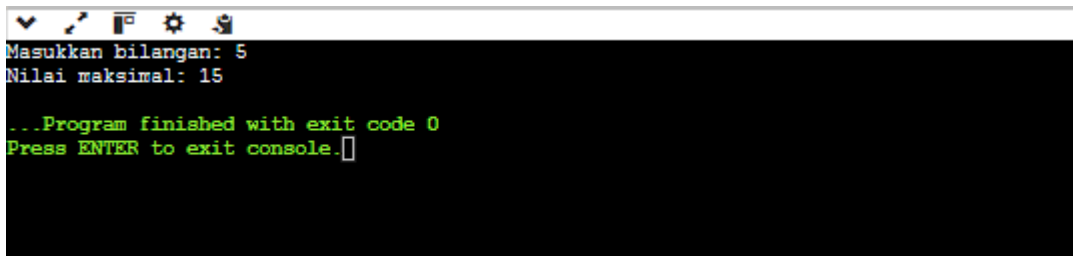
```
#include <stdio.h>

int i = 1;
int bil_maks;
int total;

int main() {

    printf("Masukkan bilangan: ");
    scanf("%d", & bil_maks);
    while (i <= bil_maks) {
        total += i;
        i++;
    }

    printf("Nilai maksimal: ");
    printf("%d", total);
    return 0;
}
```


A screenshot of a terminal window showing the execution of a C program. The user enters '5' when prompted 'Masukkan bilangan:'. The program outputs 'Nilai maksimal: 15'. Below the output, it says '...Program finished with exit code 0' and 'Press ENTER to exit console.' with a cursor. The terminal has a dark background and a light-colored border with standard window controls.

```
Masukkan bilangan: 5
Nilai maksimal: 15

...Program finished with exit code 0
Press ENTER to exit console.
```

- Menggunakan Bahasa Python

```
i = 1
total = 0
bil_maks = int(input("Bilangan maksimal: "))
while i <= bil_maks:
    total += i
    i+=1
print("Nilai maksimal:", total)
```

A screenshot of a terminal window showing the execution of a Python program. The user enters '5' when prompted 'Bilangan maksimal:'. The program outputs 'Nilai maksimal: 15'. Below the output, it says '...Program finished with exit code 0' and 'Press ENTER to exit console.' with a cursor. The terminal has a dark background and a light-colored border with standard window controls.

```
Bilangan maksimal: 5
Nilai maksimal: 15

...Program finished with exit code 0
Press ENTER to exit console.
```

- Menggunakan Bahasa C

```
#include <stdio.h>
int main() {
    int bilangan, terkecil;

    printf("Masukkan bilangan ke-1: ");
    scanf("%d", &bilangan);
    terkecil = bilangan;
    for (int i = 2; i <= 10; i++) {
        printf("Masukkan bilangan ke-%d: ", i);
        scanf("%d", &bilangan);
        if (bilangan < terkecil) {
            terkecil = bilangan;
        }
    }
    printf("Bilangan terkecil adalah: %d\n", terkecil);
    return 0;
}
```

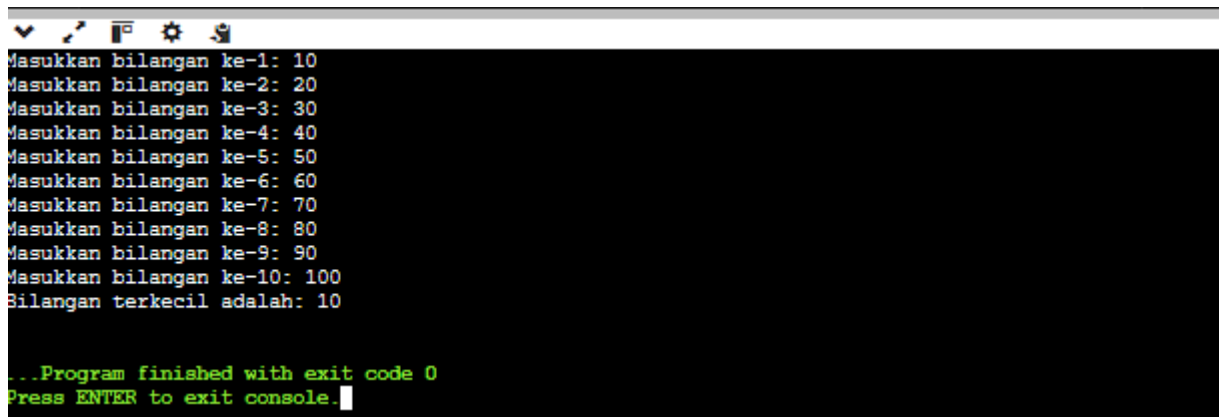


```
Masukkan bilangan ke-1: 90
Masukkan bilangan ke-2: 80
Masukkan bilangan ke-3: 70
Masukkan bilangan ke-4: 60
Masukkan bilangan ke-5: 50
Masukkan bilangan ke-6: 40
Masukkan bilangan ke-7: 30
Masukkan bilangan ke-8: 20
Masukkan bilangan ke-9: 10
Masukkan bilangan ke-10: 1
Bilangan terkecil adalah: 1

...Program finished with exit code 0
Press ENTER to exit console.
```

- Menggunakan Bahasa Python

```
bilangan = int(input("Masukkan bilangan ke-1: "))
terkecil = bilangan
for i in range (2, 10+1):
    bilangan = int(input(f'Masukkan bilangan ke-{i}: '))
    if bilangan < terkecil:
        terkecil = bilangan
print(f"Bilangan terkecil adalah:", terkecil)
```



```
Masukkan bilangan ke-1: 10
Masukkan bilangan ke-2: 20
Masukkan bilangan ke-3: 30
Masukkan bilangan ke-4: 40
Masukkan bilangan ke-5: 50
Masukkan bilangan ke-6: 60
Masukkan bilangan ke-7: 70
Masukkan bilangan ke-8: 80
Masukkan bilangan ke-9: 90
Masukkan bilangan ke-10: 100
Bilangan terkecil adalah: 10

...Program finished with exit code 0
Press ENTER to exit console.
```