

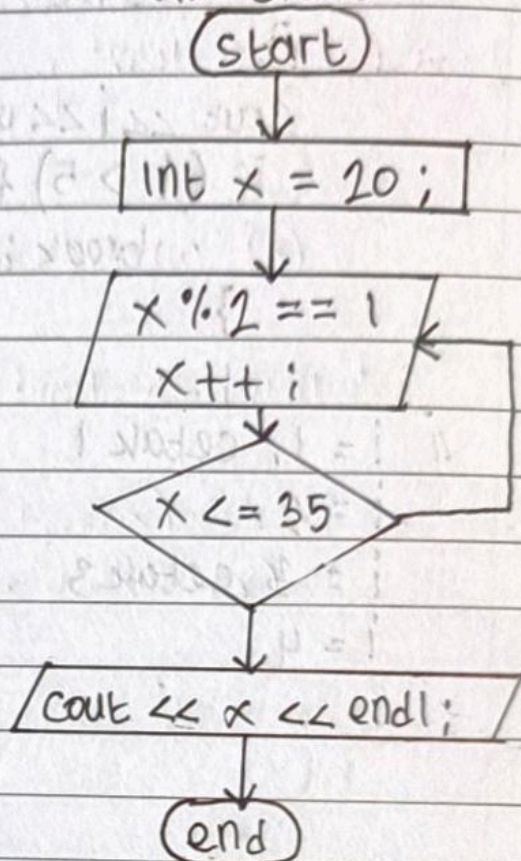
Perbaikan nilai UTS Daspro

3. Notasi algo deret + flowchart

source code

```
int x = 10;
if (x % 2 == 1) {
    while (x <= 35) {
        cout << x << endl;
    }
    x++;
}
```

flowchart



Notasi Algoritma

1). Judul = Program deret ganjil

2). kamus = $x : \text{Integer} \leftarrow 10$

$IS : x \leftarrow 10$

$FS : x \leq 35$

output (x)

3). Algoritma = Repeat until ($x \leq 35$)

If ($x \bmod 2 == 1$) then

output (x)

$x++$

end

4. Notasi algo + flowchart faktorial

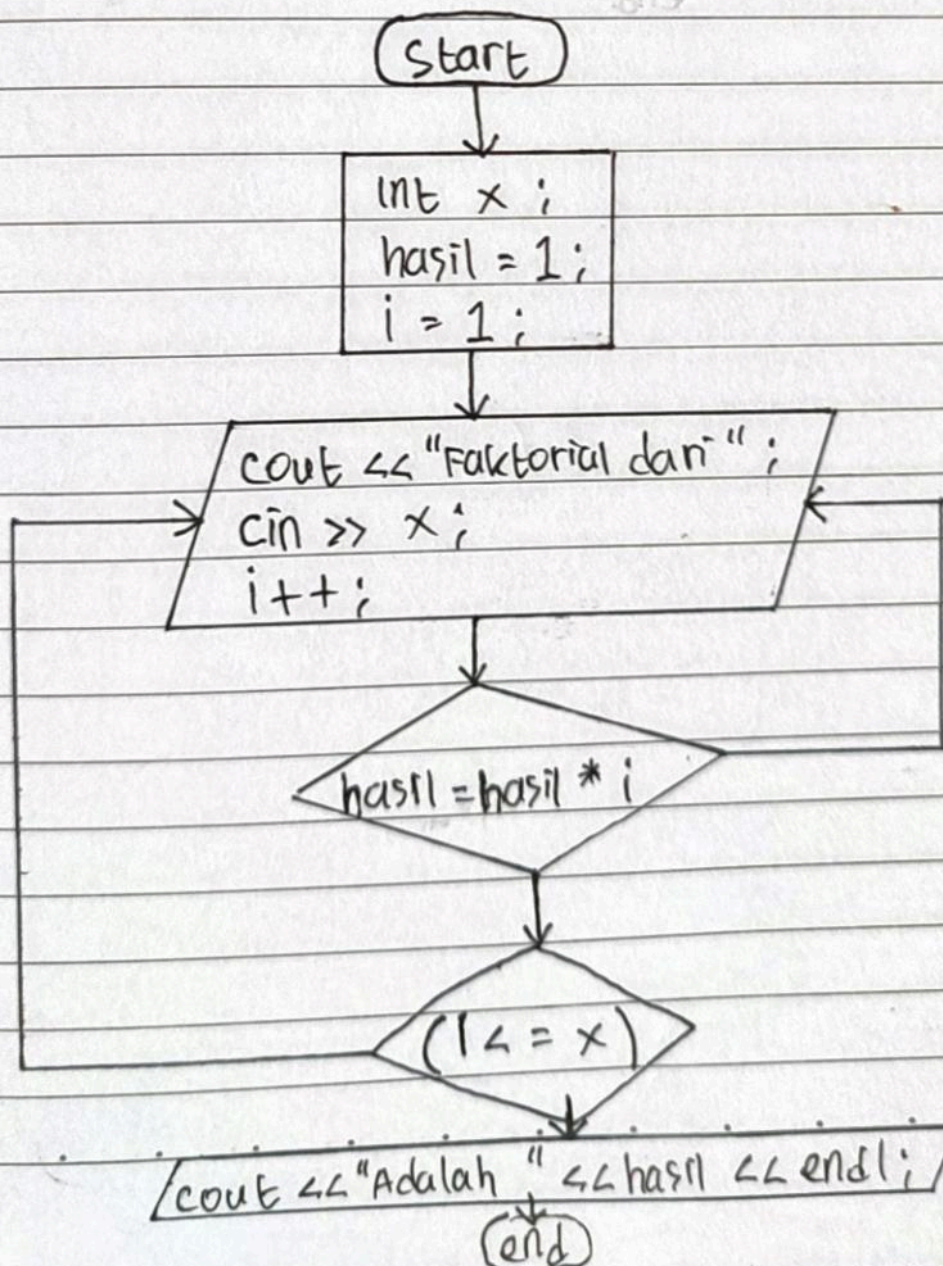
Source code

```

int x, hasil = 1, i = 1;
cout << "Faktorial dari: ";
cin >> x;
do {
    hasil = hasil * i;
    i++;
} while (i <= x);
cout << "Adalah " << hasil << endl;

```

Flowchart



Notasi Algoritma

1). Judul : Program menghitung faktorial

2). kamus : $x, \text{hasil}, i : \text{integer}$ $\text{hasil} \leftarrow 1, i \leftarrow 1$ IS : $x : \text{integer}, \text{hasil} \leftarrow 1, i \leftarrow 1$ FS : $\text{hasil} \leftarrow \text{hasil} * i$ $(i \leq x)$ output \leftarrow "adalah" (x)3). Algoritma : Input $\leftarrow x$ Repeat until $\text{hasil} \leftarrow \text{hasil} * i$ $i++;$ Repeat until $(i \leq x)$ output \leftarrow "adalah" (x)

end

