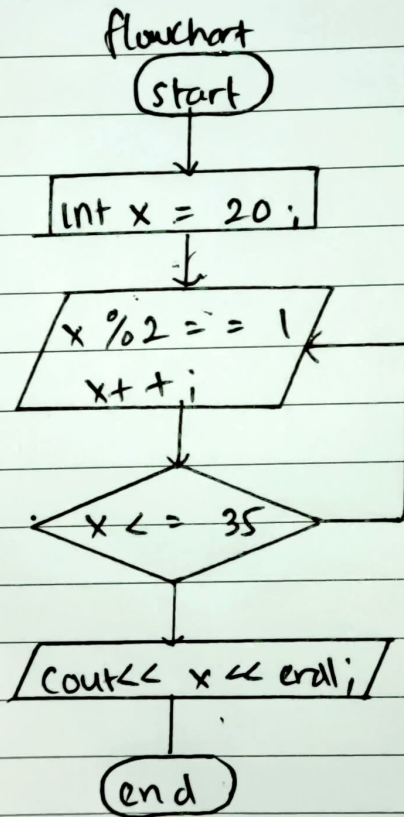3) Notasi algoritma deret + flowchart

Source code

```
int x = 20;
  if (x % 2 == 1) {
  while (x <= 35) {
  cout << x << endl;
  }
  x++
}
```

flowchart

start

int x = 20;

x % 2 == 1
x++;

x <= 35

cout << x << endl;

end

Notasi Algoritma

1) Judul = Program untuk deret ganjil

2) Kamur = x = Integer $\leftarrow$ 20

    IS = x $\leftarrow$ 20

    FS = x <= 35

    output (x)

3) Algoritma = Repeat until (x <= 35)

    If (x mod 2 == 1) then

    output (x)

    x++

    end.

4) Notasi algoritma + 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;
```

=> Flow chart

Flow Chart.

Start

```
int x ;
hasil = 1 ;
i = 1 ;
```

```
cout << "Faktorial dari" ;
cin >> x ;
i++
```

hasil = hasil * i

(i <= x)

```
cout << "adalah" << hasil << endl ;
```

end

Notasi Algoritma

1) Judul : Program untuk menghitung faktorial

2) Kamus : x, hasil, i : integer

hasil ← 1 ; i ← 1

Is = x : integer, hasil ← hasil, i ← 1

Fs = hasil ← hasil * i

(i <= x)

Output ← "adalah" (x)

3) Algoritma : Input ← x

Repeat until hasil ← hasil * i

i ++ i

Repeat until (i <= x)

Output ← "adalah" (x)

end