

Contoh Soal Perulangan :

Contoh 1 :

1 + 4 + 7 + 10 + 13 + 16 + 19 + 22 + 25 = 117_

Jawaban :

Cara-1 :

```
#include <conio.h>
#include <stdio.h>
#include <iostream.h>
main()
{
    int a,b=0;

    for (a=1;a<25;a+=3)
    {
        cout<<a<<" ";
        b=b+a;
    }
    b=b+a;

    cout<<a;

    cout<<" = "<<b;
    getch();
}
```

Cara-2 :

```
#include <conio.h>
#include <stdio.h>
#include <iostream.h>
main()
{
    int a,b=0;

    cout<<endl;
    for (a=1;a<=25;a+=3)
    {
        cout<<a;
        b=b+a;

        if(a<25)
            cout<<" ";
        else
            cout<<" ";
    }

    cout<<" = "<<b;
    getch();
}
```

```

1 = 1
1 + 2 = 3
1 + 2 + 3 = 6
1 + 2 + 3 + 4 = 10
1 + 2 + 3 + 4 + 5 = 15

```

Jawaban :

```

#include <conio.h>
#include <stdio.h>
#include <iostream.h>

```

```

main()
{
    int a,b,c=0,d=0;

    for(a=1;a<=5;a++)
    {
        for(b=1;b<=a;b++)
        {
            cout<<b;

            if(b<a)
                cout<<" ";
            else
                cout<<" ";

        }
        c=c+a;
        cout<<" = "<<c;
        cout<<endl;
    }

    getch();
}

```

```

1 = 1
1 * 2 = 2
1 * 2 * 3 = 6
1 * 2 * 3 * 4 = 24
1 * 2 * 3 * 4 * 5 = 120

```

Jawaban :

```

#include <constrea>

main()
{
    int a,b,c;
    for(a=1;a<=5;a++)
    {
        c=1;
        for(b=1;b<=a;b++)
        {
            if(b==a)
                cout<<b;
            else
                cout<<b<<" * ";
            c=c*b;
        }
        cout<<" = "<<c<<endl;
    }
    getch();
}

```