

```
#include <stdio.h>
int main(){
    int k, c;
    c = 10;
    for(k = 0; k<=5; k++){
        if ((k+c)%5) c++;
        else c+=c;
    }
    printf("%d", c);
    return 0;
}
// Output: 90
```

```
#include <stdio.h>
int main(){
    int k = 0, a = 2;
    for(k++; k<=10; k+=a){
        printf("%d ",k);
        a++;
    }
    return 0;
}
```

```
#include <stdio.h>
int main(){
    int k,x=0,n;
    scanf("%d",&n);
    for(k=1;k<=n;k++) x+=(2*k);
    printf("%d", x);
    return 0;
}
```

Keluaran program dapat diformulasikan sebagai:

- A. $2*n+1$ B. $n*(n+1)$
 C. $n*(n+1)/2$ D. $n*(n+2)/2$

```
#include <stdio.h>
int misteri(int, int);
int main() {
    int a=5, b=10, c=20;
    printf("%d %d\n", c, misteri(a,b));
    return 0;
}
int misteri(int a, int b) {
    int c = a + b;
    printf("%d ",c);
    return a*b;
}
// Output: 15 20 50
```

```
int misteri(int n) {
    int t=1;
    while (n--) t*=n--;
    return t;
}
```

```
}  
  
Nilai misteri(6) adalah: 15
```

```
//MATERI:FUNGSI
```

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

```
int kuadrat(int n)
```

```
{  
    int t=n*n;  
    return t;  
}
```

```
int main()
```

```
{  
    int n;  
    scanf("%d", &n);  
    printf("%d\n", kuadrat(n));  
    return 0;  
}
```

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

```
int kuadrat(int n)
```

```
{  
    int t=n*n;  
    return t;  
}
```

```
int main()
```

```
{  
    int n, t=10;  
    scanf("%d", &n);  
    printf("%d %d\n", t, kuadrat(n));  
    return 0;  
}
```

```
// input: 5, output: 10 25
```

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

```
void tukar(int a, int b)
```

```
{  
    int t=a; a=b; b=t;  
}
```

```
int main()
```

```
{  
    int a=5, b=10;  
    tukar(a,b);  
    printf("%d %d\n", a, b);  
    return 0;  
}
```

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

```
void tukar(int, int);
```

```
int main()
```

```
{  
    int a=5, b=10;  
    tukar(a,b);  
    printf("%d %d\n", a, b);  
}
```

```
    return 0;
}
void tukar(int a, int b)
{
    int t=a; a=b; b=t;
}
```