

4.Problem-4:

a. Description:

Calculate: $F = 1 + 4 + 7 + 10 + \dots + N$

b. Solution-1:

c. Solution-2

```
#include<stdio.h>

#include<math.h>

int main(){
    int n;
    printf("Nhap n: ");
    scanf("%d",&n);
    int i;
    int sum=0;
    for(i=1;i<=n;i=i+3){
        sum=sum+i;
    }
    printf("%d",sum);
    return 0;
}
```

d. Test case

```
Nhap n: 15  
35
```

```
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```

```
Process exited after 6.419 seconds with return value 0  
Press any key to continue . . .
```