

```
#include<stdio.h>
int main(){

    int x,n,y;
    printf("Enter x and n : ");
    scanf("%d %d", &x,&n);

    switch (n){
        case 1:
            y = (1+ (x*x));
            printf("value of Y = %d \n",y);
            break;

        case 2:
            y = (1+ (x/n));
            printf("value of Y = %d \n",y);
            break;

        case 3:
            y = (1 + (2*x));
            printf("value of Y = %d \n",y);
            break;

        default:
            y = (1 + (n*x));
            printf("value of Y = %d \n",y);
            break;

    }

    return 0;
}
```