

Q. You need to print a document containing pages. Since he is printing double-sided, each sheet of paper can accommodate two pages, one on the front and one on the back.

Your task is to determine the minimum number of paper required for printing all pages.

```
#include<stdio.h>
#include<conio.h>
void main()
{
    int pages, papers;
    clrscr();
    printf(" Enter total number of pages : ");
    scanf("%d", &pages);
    papers = (pages / 2) + (pages % 2);
    printf(" no of papers required are %d, papers");
    getch();
}
```

Q) Caleb and Irfan are purchasing apples that are priced according to their size, but their budget is limited. To ensure they stay within budget, they plan to choose one small (apple1), one medium (apple2), and one large (apple3) apple.

```
#include <stdio.h>
#include <conio.h>
void main()
{
    int app1, app2, app3;
    clrscr();
    printf(" Enter app1, app2, app3 values : ");
    scanf("%d", &app1);
    scanf("%d", &app2);
    scanf("%d", &app3);
    if (app1 < app2 && app2 < app3)
    {
        printf(" Fits into budget");
    }
    else
    {
        printf(" Does not fits into budget");
    }
    getch();
}
```

Output :-

Enter (total rm) app1, app2, app3 values :

1

2

3

Fits into budget.

3. Drona will not allow a student to have his food unless his scores 100. Arjuna will always hit either target in his first attempt and he will leave early.

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

```
#include <conio.h>
```

```
void main()
```

```
{
```

```
int target, turns=0, sum=0, score;
```

```
clrscr();
```

```
printf("enter target scores");
```

```
scanf("%d", &target);
```

```
while(sum<target)
```

```
{
```

```
printf("enter score : ");
```

```
scanf("%d", &score);
```

```
sum+=score;
```

```
turns++;
```

```
printf(" No of turns taken : %d", turns);
```

```
}
```

```
getch();
```

```
}
```

Output

Enter target scores

1

Enter score :

2

No of turns taken : 1

- A maths teacher asks her students to give 3 examples for positive odd numbers.
 - When the student specifies a correct answer, his/her score is incremented by 1.
 - When the student specifies a positive even number, his/her score is decremented by 0.5.
 - When the student specifies a negative number, he/she will not be given any more chances to correct his or her mistake and his/her score will be decremented by 1.
- Test case 1

```
#include <stdio.h>
#include <conio.h>
void main()
{
    int num, correctCount = 0;
    float score = 0;
}
```

```
do {
    printf("Enter a number: ");
    scanf("%d", &num);
    if (num < 0)
    {
        score -= 1;
        break;
    }
    else if (num > 0 && num % 2 == 1)
    {
        score += 1;
        correctCount++;
    }
}
else if (num > 0 && num % 2 == 0)
{
    score = 0.5;
}

while (correctCount < 3);
```

Num = 2	Test case 2
Num = -4	Num = 1
Marks = -1.50	Num = 3
	Num = 5
	Marks = 3.00

printf("Final score = %d\n", score);
return 0;

*/

Während eines zweiten Besuches
in der Schule

2014

von Frau Müller übernommen. Sie verfügt
über eine sehr gute Ausbildung und
wurde von mir sehr geschätzt.

Wünsche

Wünsche