

Ranu Dhanotiya

1 hr • 0 views

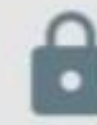
C



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PRIVATE

```
1 // 1. Write a C program to find Binary
  equivalent of a Decimal number.
2
3
4
5 #include <stdio.h>
6
7 int main() {
8     int num;
9     printf("ENTER A NUMBER\n\n");
10    scanf("%d",&num);
11    printf ("YOU WANT BINARY EQUIVALENT OF
    %d\n\n",num);
12    int rem,temp=num;
13    int arr[20];
14    int i=0;
15    while(temp)
16    {
17        rem=temp%2;
18        temp=temp/2;
19        arr[i]=rem;
20        i++;
21    }
22
23    for(int j=i-1;j>=0;j--)
24    {
25        printf("%d\t",arr[j]);
26    }
27
28    return 0;
29 }
```

TAB

{

}

;

"

(

RUN

← q01 ass07



OUTPUT

ENTER A NUMBER

YOU WANT BINARY EQUIVALENT OF 17

1 0 0 0 1





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PRIVATE

```
1 // 2. Write a C program to multiply two
  numbers using plus operator.
2
3
4
5 #include <stdio.h>
6
7 int main() {
8     int num1,num2;
9     scanf("%d %d",&num1,&num2);
10    printf("YOU ENTERED %d AND
      %d\n",num1,num2);
11
12    int m = 0;
13
14    for(int i=0;i<num2;i++)
15    {
16        m = m + num1;
17    }
18
19
20    printf("MULTIPLICATION OF %d and %d =
      %d\n",num1 ,num2 ,m);
21
22    return 0;
```

## OUTPUT

```
YOU ENTERED 4 AND 8
MULTIPLICATION OF 4 and 8 = 32
```



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26 mins • 0 views

C



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PRIVATE

```
1 //3. Write a C program to read weekday
  number and print weekday name using
  switch.
2 /* WEEKDAY NO.    WEEKDAY NAME
3     0            MONDAY
4     1            TUESDAY
5     2            WEDNAESDAY
6     3            THURSDAY
7     4            FRIDAY
8     5            SATURDAY
9     6            SUNDAY
10 */
11
12 #include <stdio.h>
13
14 int main() {
15     int a;
16     scanf("%d",&a);
17     printf("YOU ENTERED %d\n\n",a);
18     printf("WEEKDAY: ");
19
20     switch(a){
21
22     case 0:
23     printf("MONDAY");
24     break;
25
26     case 1:
27     printf("TUESDAY");
28     break;
29     |
30     case 2:
```

TAB

{

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"

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RUN







q03 ass07



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```
26 case 1:
27 printf("TUESDAY");
28 break;
29 |
30 case 2:
31 printf("WEDNAESDAY");
32 break;
33
34 case 3:
35 printf("THURSDAY");
36 break;
37
38
39 case 4:
40 printf("FRIDAY");
41 break;
42
43 case 5:
44 printf("SATURDAY");
45 break;
46
47 case 6:
48 printf("SUNDAY");
49 break;
50
51 default:
52 printf("DEFAULT.....");
53
54 }
55
56 return 0;
57 }
```

TAB

{

}

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"

(

RUN





q03 ass07



OUTPUT

YOU ENTERED 6

WEEKDAY: SUNDAY



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1 hr • 1 view

C



0



0



PRIVATE

```
1 //4. Write a C program to design
  calculator with basic operations using
  switch.
2
3
4 #include <stdio.h>
5
6 int main() {
7     char a;
8     int num1 ,num2;
9
10    printf ("Enter any two numbers you want
    to perform operation with\n\n");
11
12
13    scanf ("%d",&num1);
14    scanf ("%d",&num2);
15
16    printf ("you entered %d and
    %d\n\n",num1 ,num2 );
17
18    scanf (" %c",&a);
19
20    printf ("you want %c operation to
    perform\n\n",a);
21
22
23    //char a='+';
24
25
26    switch (a){
27
```

TAB

{

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"

(

RUN





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c

1 hr • 1 view



0



0



PRIVATE

```
50 break ;
51
52 case ('%'):
53
54 printf ("remainder of %d / %d=
55 %d\n",num1 ,num2 ,num1%num2);
56 break ;
57
58 case ('&'):
59
60 printf ("%d & %d =
61 %d\n",num1 ,num2 ,num1&num2);
62 break ;
63
64 case ('|'):
65
66 printf ("%d | %d =
67 %d\n",num1 ,num2 ,num1|num2);
68 break;
69
70 default :
71 printf ("Error.....\n");
72 }
73
74
75 return 0;
76 }
77
78
```

TAB

{

}

;

"

(

RUN





q04 ass07



## OUTPUT

Enter any two numbers you want to  
perform operation with

you entered 5 and 8

you want \* operation to perform

5 \* 8 = 40

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C



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0



PRIVATE

```
1 //6. Write a C program to calculate the
  sum of array elements and find out
  average.
2
3 #include <stdio.h>
4
5 int main() {
6
7     int n;
8
9     scanf("%d",&n);
10
11     printf("YOU WANT TO STORE %d ARRAY
    ELEMENTS\n\n",n);
12
13     printf("ARRAY ELEMENTS:  ");
14     int arr[20];
15     int sum=0;
16     float avg;
17     for(int i=0; i<n; i++)
18     {
19         scanf("%d",&arr[i]);
20         printf("%d\t\t",arr[i]);
21         sum=sum+arr[i];
22
23     }
24
25     avg=(float)sum/n;
26
27     printf("\n\n");
28     printf("SUM OF ARRAY ELEMENTS =
    %d\n\n",sum);
```

TAB

{

}

;

"

(

RUN



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C



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0



PRIVATE

```
7 int n;
8
9 scanf("%d",&n);
10
11 printf("YOU WANT TO STORE %d ARRAY
ELEMENTS\n\n",n);
12
13 printf("ARRAY ELEMENTS: ");
14 int arr[20];
15 int sum=0;
16 float avg;
17 for(int i=0; i<n; i++)
18 {
19     scanf("%d",&arr[i]);
20     printf("%d\t\t",arr[i]);
21     sum=sum+arr[i];
22
23 }
24
25 avg=(float)sum/n;
26
27 printf("\n\n");
28 printf("SUM OF ARRAY ELEMENTS =
%d\n\n",sum);
29
30 printf("AVERAGE OF ARRAY ELEMENTS = %.
2f\n\n",avg);
31
32
33 return 0;
34 }
```

TAB

{

}

;

"

(

RUN



## OUTPUT

YOU WANT TO STORE 5 ARRAY ELEMENTS

ARRAY ELEMENTS: 11 10 31 12 4

SUM OF ARRAY ELEMENTS = 68

AVERAGE OF ARRAY ELEMENTS = 13.60