

Ans1.c



Saved

```
1  #include <stdio.h>
2  /* ABDUL QADIR BOXWALA    Ans1
3  Sec F    AB-15011    CSE */
4
5  int main()
6  { int y;
7    printf("Enter the year\n");
8    scanf("%d",&y);
9    if(y%400==0){
10     printf("It is leap year");
11     //year divisible by 400
12   }
13   else if(y%100==0){
14     printf("It is not leap year");
15     //year divisible by 100 but not 400
16   }
17   else if(y%4==0){
18     printf("It is leap year");
19     //year divisible by 4 but not 100
20   }
21   else{
22     printf("It is not leap year");
23     // all other years
24   }
25   return 0;
26 }
```



Try Dcoder's keyboard





93% 3:54 pm



Terminal



```
Enter the year  
2020  
It is leap year  
Process finished.
```





Ans2.c



Saved

```
1 #include <stdio.h>
2 /* ABDUL QADIR BOXWALA    Ans2
3    Sec F  AB-15011  CSE*/
4 int main()
5 { char a;
6   printf("Enter any alphabet\n");
7   scanf("%c",&a);
8   if(a=='a' || a=='e' || a=='i' || a=='o' || a=='u'){
9     printf("%c is a vowel",a);
10  }
11  else{
12    printf("%c is a consonant",a);
13  }
14
15  return 0;
```



Try Dcoder's keyboard

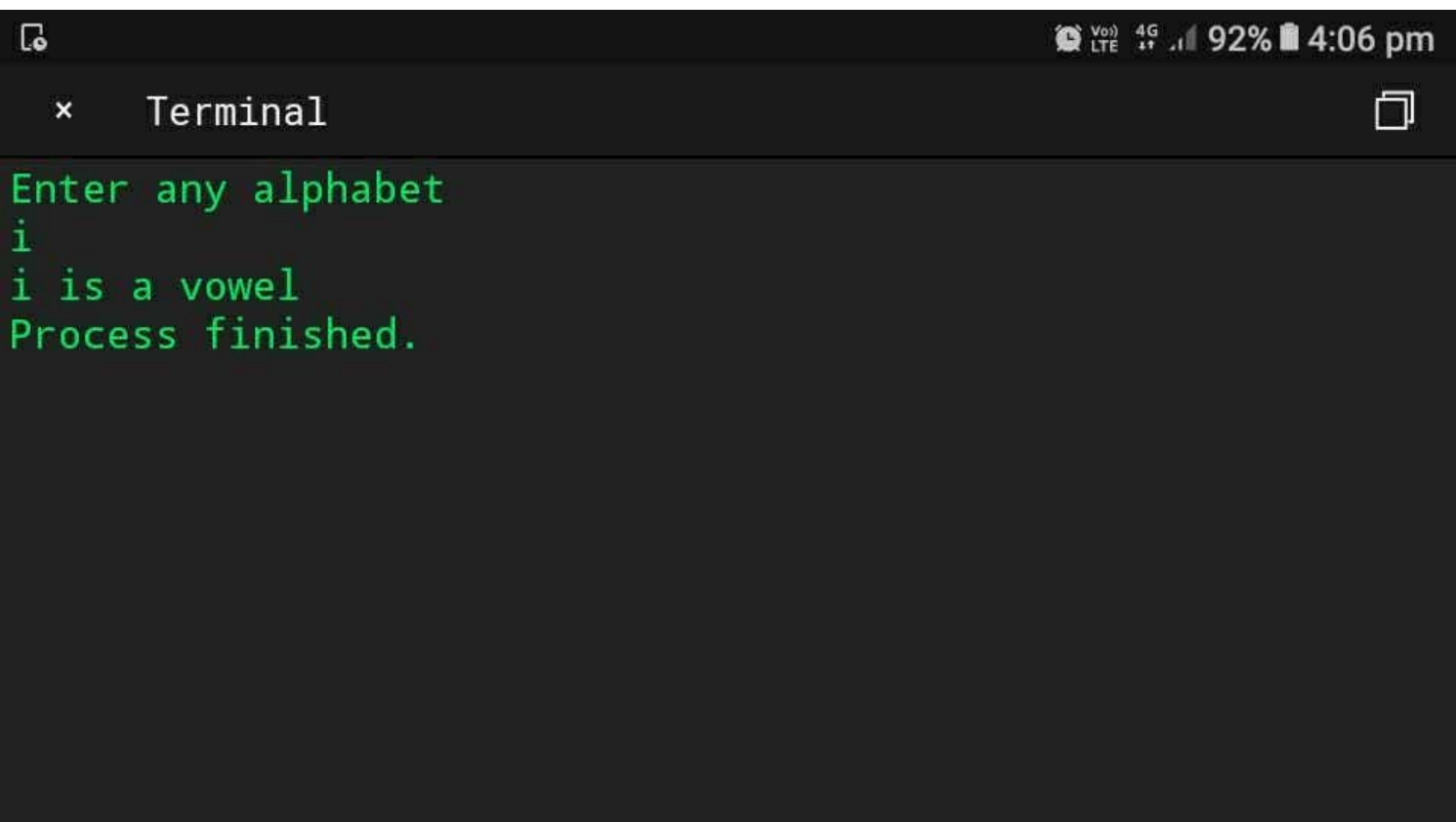


0 Comments



Read





A screenshot of a mobile terminal application. The status bar at the top shows the time as 4:06 pm, 92% battery, and 4G LTE connectivity. The terminal window has a title bar with a close button (x) and the text 'Terminal'. On the right side of the title bar is a copy icon. The terminal content shows a green prompt 'Enter any alphabet', followed by the input 'i', the output 'i is a vowel', and the message 'Process finished.'.

```
Enter any alphabet
i
i is a vowel
Process finished.
```

VoLTE
LTE

4G

89%

4:17 pm



Ans3.c



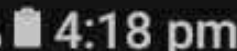
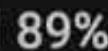
Saved

```
1  #include <stdio.h>
2  /* ABDUL QADIR BOXWALA      Ans3
3   Sec F  AB-15011  CSE*/
4
5  int main()
6  { int a,b,c;
7    printf("Enter the 3 sides of triangle\n");
8    scanf("%d %d %d",&a,&b,&c);
9    if(a==b && b==c && c==a){
10     printf("Equilateral Triangle");
11    }
12    else if(a!=b && b!=c && c!=a){
13     printf("Scalene Triangle");
14    }
15    else{
16     printf("Isosceles Triangle");
17    }
18    return 0;
19 }
```



Try Dcoder's keyboard





Terminal



Enter the 3 sides of triangle

5 5 7

Isosceles Triangle

Process finished.



Ans4.c



Saved

```
4
5 int main()
6 {
7     double a,b,c,d,r1,r2,x,y;
8     printf("For gen quad eq enter a,b,c\n");
9     scanf("%lf %lf %lf",&a,&b,&c);
10    d=(b*b)-(4*a*c);
11    if(d==0){
12        printf("r1=r2=%.2lf\n",-b/(2*a));
13    }
14    else if(d>0){
15        printf("Real roots\n");
16        r1= -b/(2*a) + sqrt(d)/(2*a);
17        r2= -b/(2*a) - sqrt(d)/(2*a);
18        printf("%.2lf\n%.2lf",r1,r2);
19    }
20    else{
21        printf("Imaginary roots\n");
22        x= -b/(2*a);
23        y= sqrt(-d)/(2*a);
24        printf("%.2lf+(-)i%.2lf\n",x,y);
25    }
26    return 0;
27 }
```



Try Dcoder's keyboard





4:23 pm



Terminal



For gen quad eq enter a,b,c

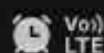
6 -1 -16

Real roots

1.72

-1.55

Process finished.



Ans5.c



Saved

```
1  #include <stdio.h>
2  /* ABDUL QADIR BOXWALA      Ans5
3   Sec F  AB-15011  CSE*/
4  int main()
5  { float bs,hra,da,gs;
6    printf("Enter the basic salary\n");
7    scanf("%f",&bs);
8    if(bs<=10000){
9      hra=bs*0.20; da=bs*0.80;
10   }
11   else if(bs<=20000){
12     hra=bs*0.25; da=bs*0.90;
13   }
14   else{
15     hra=bs*0.30; da=bs*0.95;
16   }
17   gs=bs+hra+da;
18   printf("Gross salary is %.2f",gs);
19   return 0;
20 }
```



Try Dcoder's keyboard





VoLTE
LTE

4G

86%

4:35 pm

×

Terminal



Enter the basic salary

15000

Gross salary is 32250.00

Process finished.

























































































































































































































































































































































































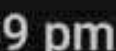
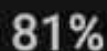












Terminal



Enter first number

4.89

Enter second number

2.47

Type operator you want

1.add

2.sub

3.mul

4.div

3

Result is 12.08

Process finished.



Voice LTE4G80%5:04 pm

←

Ans7.c

🔒

Saved

→

⋮

1#include <stdio.h>

2/* ABDUL QADIR BOXWALA Ans7

3Sec F AB-15011 CSE*/

4int main()

5{

6int n,a,b,c,d,d1,d2,d3,d4,add;

7printf("Enter the four digit no.\n");

8scanf("%d",&n);

9a=n/10; d1=n%10;

10b=a/10; d2=a%10;

11c=b/10; d3=b%10;

12d=c/10; d4=c%10;

13add=d1+d4;

14printf("Sum of first & last digit is %d",add);

15return 0;

📻

Try Dcoder's keyboard

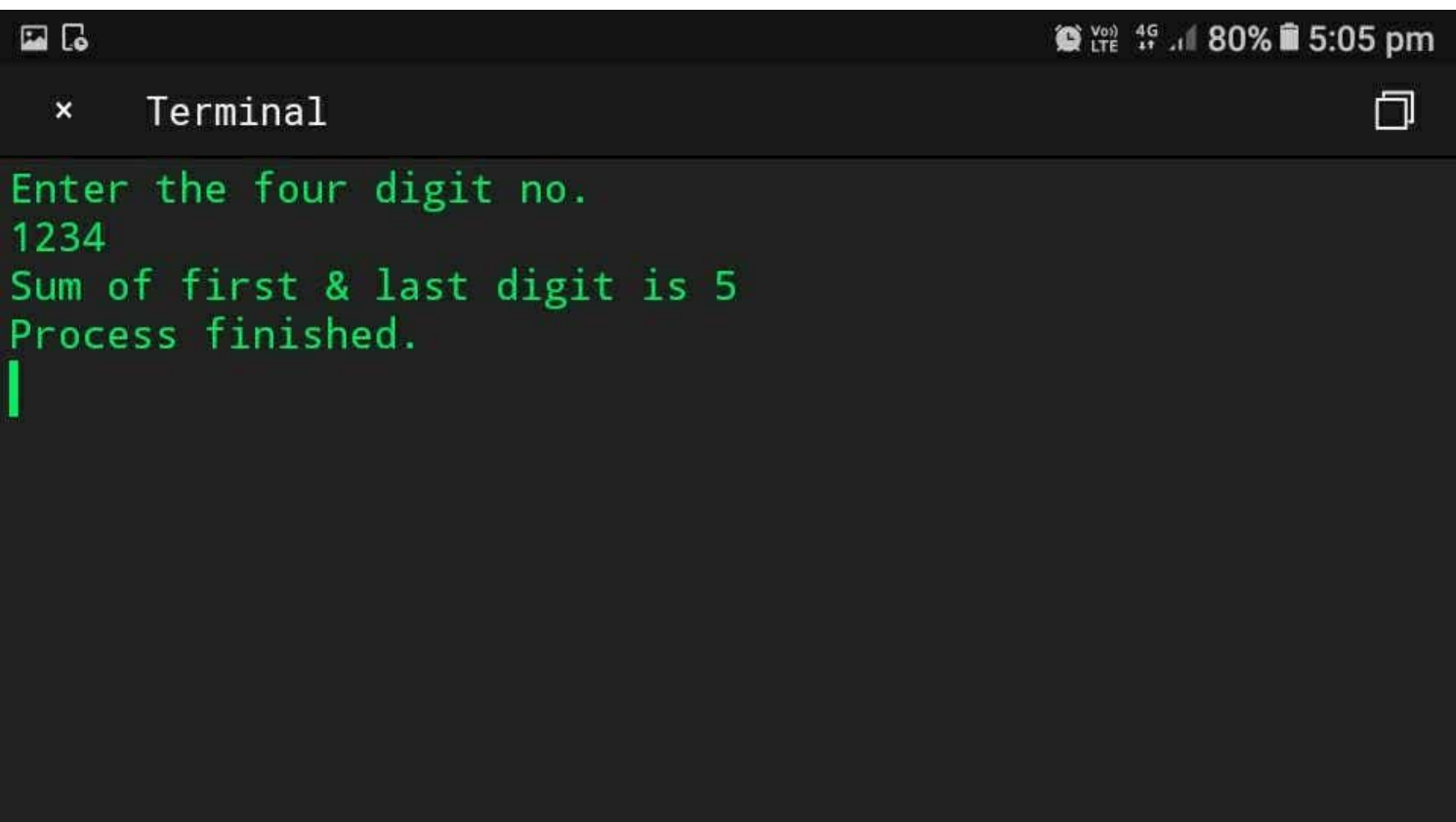
💬

0 Comments

🔍

Read

▶



```
Enter the four digit no.  
1234  
Sum of first & last digit is 5  
Process finished.  
|
```

The image shows a mobile terminal application window. The title bar at the top contains a close button (X), the title "Terminal", and a copy icon. The status bar at the very top displays system information: VoLTE, 4G, signal strength, 80% battery, and 5:05 pm. The terminal area has a dark background with green text. It prompts the user to "Enter the four digit no.", receives the input "1234", and then displays the output "Sum of first & last digit is 5". The text "Process finished." appears on the next line, followed by a green cursor bar.



Ans8.c



Saved

```
1  #include <stdio.h>
2  /* ABDUL QADIR BOXWALA      Ans8
3   Sec F  AB-15011  CSE*/
4  int main()
5  { int x,a,b,c,d,e,f,g;
6    printf("Enter the amount\n");
7    scanf("%d",&x);
8    a=x/100;
9    printf("%d notes of 100\n",a);
10   b=(x%100)/50;
11   printf("%d notes of 50\n",b);
12   c=((x%100)%50)/20;
13   printf("%d notes of 20\n",c);
14   d=(((x%100)%50)%20)/10;
15   printf("%d notes of 10\n",d);
16   e=((((x%100)%50)%20)%10)/5;
17   printf("%d notes of 5\n",e);
18   f=((((((x%100)%50)%20)%10)%5)/2;
19   printf("%d notes of 2\n",f);
20   g=(((((((x%100)%50)%20)%10)%5)%2)/1;
21   printf("%d notes of 1\n",g);
22   return 0;
23 }
```



Try Dcoder's keyboard



