8.(1)

# include<stdio.h>

int main(void)

{

char ch;

scanf("%c", &ch);

if(ch >= 48 && ch <= 57)

printf("It is a digit");

else if(ch >=65 && ch <= 90 ||

ch >= 97 && ch <= 122)

printf("It is an alphabetic character");

else

printf("It is other character");

return 0;

}

/\*

在devc++中的运行结果为

a

It is an alphabetic character

\*/

8.(2)

# include<stdio.h>

bool year(int y)

{

if((y%4 == 0 && y%100 != 0) || y%400 == 0)

return true;

else

return false;

}

int main(void)

{

int y;

scanf("%d", &y);

printf("%d", year(y));

return 0;

}

/\*

在devc++中的运行结果为

1990

0

\*/

8.(3)

# include<stdio.h>

int main(void)

{

int m;

scanf("%d", &m);

if(m < 1 || m > 12)

puts("error!");

else if(m == 4 || m == 6 ||

m == 9 || m == 11)

puts("30");

else if(m == 2)

puts("28")

else

puts("31");

return 0;

}

/\*

在devc++中的运行结果为

1

31

\*/