# include<stdio.h>

void main()

{

int number;

printf("enter your number :-");

scanf("%d",&number);

if(number>=1 && number<=100)

{

printf("\n entered number %d range of 1 to 100",number);

if(number%2==0)

{

printf("\nnumber%d is even",number);

}

else

{

printf("\nnumber %d is odd",number);

}

}

else if(number>=101 && number<=200)

{

printf("\n entered number %d range of 101 to 200",number);

if(number%2==0)

{

printf("\n the number %d is even",number);

}

else

{

printf("\n the number %d is odd",number);

}

}

else if (number>=201 && number<=300)

{

printf("\n entered number %d range of 201 to 300",number);

if(number%2==0)

{

printf("\n the number %d is even",number);

}

else

{

printf("\n the number %d is odd",number);

}

}

else if(number>=301 && number<=400)

{

printf("\n entered number %d range of 301to 400",number);

if(number%2==0)

{

printf("\n the number %d is even",number);

}

else

{

printf("\n the number %d is odd",number);

}

}

else if(number>=401 && number<=500)

{

printf("\n entered number %d range of 401 to 500",number);

if(number%2==0)

{

printf("\n the number %d is even",number);

}

else

{

printf("\n the number %d is odd",number);

}

}

else if(number>=601 && number<=700)

{

printf("\n entered number %d range of 601 to 700",number);

if(number%2==0)

{

printf("\n the number %d is even",number);

}

else

{

printf("\n the number %d is odd",number);

}

}

else if(number>=701 && number<=800)

{

printf("entered number %d range of 701 to 800",number);

if(number%2==0)

{

printf("\n the number %d is even",number);

}

else

{

printf("\n the number %d is odd",number);

}

}

else if(number>=801 && number<=900)

{

printf("\n entered number %d range of 801 to 900",number);

if(number%2==0)

{

printf("\n the number %d is even",number);

}

else

{

printf("\n the number %d is odd",number);

}

}

else if(number>=901 && number<=1000)

{

printf("\n entered number %d range of 901 to 1000",number);

if(number%2==0)

{

printf("\n the number even %d",number);

}

else

{

printf("\n the number odd %d",number);

}

}

}