/\*armstrong no\*/

#include<stdio.h>

int main()

{

int n,rem,sum=0,k;

printf("enter the value of n\n");

scanf("%d",&n);

k=n;

while(n!=0)

{

rem=n%10;

sum=sum+(rem\*rem\*rem);

n=n/10;

}

if(k==sum)

printf("armstrong no");

else

printf("not armstrong no");

return 0;

}

/\*armstrong no using function without using power\*/

#include<stdio.h>

int armstrong(int);

int main()

{

int n,k;

printf("enter the value of n\n");

scanf("%d",&n);

k=armstrong(n);

if(k==n)

printf("armstrong no");

else

printf("not armstrong no");

return 0;

}

int armstrong(int x)

{

int sum=0,rem;

while(x!=0)

{

rem=x%10;

sum=sum+(rem\*rem\*rem);

x=x/10;

}

return sum;

}

/\*armstrong no using function without using power\*/

#include<stdio.h>

int armstrong(int);

int power(int);

int main()

{

int n,k;

printf("enter the value of n\n");

scanf("%d",&n);

k=armstrong(n);

if(k==n)

printf("armstrong no");

else

printf("not armstrong no");

return 0;

}

int armstrong(int x)

{

int sum=0,rem;

while(x!=0)

{

rem=x%10;

sum=sum+power(rem);

x=x/10;

}

return sum;

}

int power(int y)

{

int c;

c=(y\*y\*y);

return c;

}

/\*max value among 3 int no\*/

#include<stdio.h>

int main()

{

int a,b,c;

printf("enter three values of a,b,c\n");

scanf("%d%d%d",&a,&b,&c);

if(a>b && a>c)

printf("largest value among a,b,c:%d ",a);

else if(b>a && b>c)

printf("largest value among a,b,c:%d",b);

else if(c>a && c>b)

printf("largest value among a,b,c:%d",c);

return 0;

}