start

n=1,s=0,r=0

f

If n<=1000

t

stop

n1=n

If n1==s

t

Print “Armstrong”

f

If n>0

t

f

t

r=n%10

N=n+1

s=s+(r\*r\*r)

n=n/10

Print n

I<n

stop

N=n-1

If n>0

If n%i==0

I=i+1

n=100,i=2

START

f

t

t

f

t

f

N=1

start

If n<=5

stop

If avg=>70

Print “a grade”

Avg=total/3

Total=p+c+m

Input p,c,m

t

f

If avg=>60

t

Print “b grade”

If avg=>50

f

Print “c grade”

t

f

f

If avg>=40

t

Print “d grade”

Print “fail”

f

N=n+1