#include<iostream>

using namespace std;

int main()

{

unsigned char array1[80]; int sum=0; unsigned char array2[8];

for (int i = 0; i < 80; i++)

array1[i] = 1;

\_\_asm

{

movq mm0,[array1]

}

for (int i = 1; i < 10; i = i + 1)

{

\_\_asm

{

mov esi, i

shl esi, 3

movq mm1, [array1 + esi ]

paddb mm0, mm1

}

}

\_\_asm

{

movq array2,mm0

emms

}

for (int i = 0; i < 8; i++)

sum += array2[i];

cout <<(unsigned)sum<<endl;

system("pause");

return 0;

}