Saturday, August 20, 2022 10:49 PM

int getExp(int a, int b)

{

if 
$$(b = 0)$$
 return 1;

if  $(b = 0)$  return 1;

if  $(b \% 2 = 0)$ 

int getExp(a, b/2);

if  $(b \% 2 = 0)$ 

i auto  $t = getExp(a, b/2);$ 

freturn  $(t \times t)$ ;

return  $(x \times t)$ ;

return  $(x \times t)$ ;

return  $(x \times t)$ ;

 $(x \times t)$ 
 $(x \times t)$ 

$$= 616613957 \times (157550195)^{M-2}$$

$$= (616613957 \times 419647481)$$

$$f(5) = (5 \times f(4) = 24) = 120$$

$$\downarrow A \times f(3) = 6 = 24$$

$$\downarrow A \times f(3) = 6$$

$$\downarrow$$

 $\frac{1}{b} = \frac{2}{6} = \frac{2}{6} = \frac{2}{6}$  $\frac{1024}{3}\%196$   $\frac{25}{107} = 2\%197 = 2\%$ 20/196 % 196