Технологично Училище Електронни Системи

Технология на програмирането
Тест побитови операции

Вариянт №2

<table>
<tr>
<td>

a=?
int orig = fb15   ....
int insert = 2bed
int a = orig | (insert << 2)

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b=?
int orig = fb15   ....
int insert = 2bed
int a = orig | (insert << 8)

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AND=?
int orig = fb15   ....
int insert = 2bed
int a = orig | (insert << 2)
int b = orig | (insert << 8)
int AND = a & b;

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OR=?
int orig = fb15   ....
int insert = 2bed
int a = orig | (insert << 7)
int b = orig | (insert << 9)
int OR = a & b;

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OR=?
int orig = fb15   ....
int insert = 2bed
int a = orig | (insert << 7)
int b = orig | (insert << 9)
int XOR = a ^ b;

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left=?   ....
int i=fb15
int left= fb15 | (1 << 10);

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result=?
long value1=7e119a00   ....
long value2=a4fe844b
int result=(value1 << 3)^(value2 << 8)

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result=?
int value1=892   ....
int value2=389
int result=(value1 << 3)^(value2 << 8)

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a=?
long testValue=7e119a00   ....
int a=0
if (testValue & (1 << 6))
{
a=1
}
else
{
a=2
}

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a=? result=?
long testValue=7e119a00   ....
int a=0
int result=0
if((result=testValue & testValue ^ testValue | (1 << 6)))
{
a=1
}
else
{
a=2
}

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result=?
int value1=519   ....
int value2=481
int result =(value1 << 5)^(value2 << 6)

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result=?
int value1=850   ....
int value2=6329
int result =(value1 << 5)^(value2 << 6)

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