Технологично Училище Електронни Системи

Технология на програмирането
Тест побитови операции

Вариянт №5

<table>
<tr>
<td>
a=?
int orig = 6eb0   ....
int insert = 65d8
int a = orig | (insert << 4)
</td>
<td>
b=?
int orig = 6eb0   ....
int insert = 65d8
int a = orig | (insert << 8)
</td>
</tr>
<tr>
<td>
AND=?
int orig = 6eb0   ....
int insert = 65d8
int a = orig | (insert << 4)
int b = orig | (insert << 8)
int AND = a & b;
</td>
<td>
OR=?
int orig = 6eb0   ....
int insert = 65d8
int a = orig | (insert << 9)
int b = orig | (insert << 7)
int OR = a & b;
</td>
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<tr>
<td>
OR=?
int orig = 6eb0   ....
int insert = 65d8
int a = orig | (insert << 9)
int b = orig | (insert << 7)
int XOR = a ^ b;
</td>
<td>
left=?   ....
int i=6eb0
int left= 6eb0 | (1 << 10);
</td>
</tr>
<tr>
<td>
result=?
long value1=5c2b63aa   ....
long value2=a1e4ac60
int result=(value1 << 1)^(value2 << 8)
</td>
<td>
result=?
int value1=100   ....
int value2=655
int result=(value1 << 1)^(value2 << 8)
</td>
</tr>
<tr>
<td>
a=?
long testValue=5c2b63aa   ....
int a=0
if (testValue & (1 << 2))
{
a=1
}
else
{
a=2
}
</td>
<td>
a=? result=?
long testValue=5c2b63aa   ....
int a=0
int result=0
if((result=testValue & testValue ^ testValue | (1 << 2)))
{
a=1
}
else
{
a=2
}
</td>
</tr>
<tr>
<td>
result=?
int value1=145   ....
int value2=66
int result =(value1 << 5)^(value2 << 8)
</td>
<td>
result=?
int value1=190   ....
int value2=7979
int result =(value1 << 5)^(value2 << 8)
</td>
</tr>
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