# Технологично Училище Електронни Системи

## Технология на програмирането
## Тест побитови операции

**Вариянт №6**

| | |
|---|---|
| a=?<br>int orig = 0b81<br>int insert = c1ce<br>int a = orig \| (insert << 8) | b=?<br>int orig = 0b81<br>int insert = c1ce<br>int a = orig \| (insert << 6) |
| AND=? int orig = 0b81<br>int insert = c1ce<br>int a = orig \| (insert << 8)<br>int b = orig \| (insert << 6)<br>int AND = a & b; | OR=? int orig = 0b81<br>int insert = c1ce<br>int a = orig \| (insert << 7)<br>int b = orig \| (insert << 5)<br>int OR = a & b; |
| OR=?<br>int orig = 0b81<br>int insert = c1ce<br>int a = orig \| (insert << 7)<br>int b = orig \| (insert << 5)<br>int XOR = a ^ b; | left=?<br>int i=0b81<br>int left= 0b81 \| (1 << 10); |
| result=?<br>long value1=174295a6<br>long value2=6711d8a2<br>int result=(value1 << 3)^(value2 << 2) | result=?<br>int value1=994<br>int value2=724<br>int result=(value1 << 3)^(value2 << 2) |
| a=?<br>long testValue=174295a6<br>int a=0<br>if (testValue & (1 << 4))<br>{<br>a=1<br>}<br>else<br>{<br>a=2<br>} | a=? result=?<br>long testValue=174295a6<br>int a=0<br>int result=0<br>if((result=testValue & testValue ^ testValue \| (1 << 4)))<br>{<br>a=1<br>}<br>else<br>{<br>a=2<br>} |
| result=?<br>int value1=134<br>int value2=263<br>int result =(value1 << 3)^(value2 << 2) | result=?<br>int value1=857<br>int value2=2597<br>int result =(value1 << 5)^(value2 << 4) |