(Bitwise Operator) Write down the answer of each operation below: (20 points)

(1) assume that the value of var1 in binary is var1= 00010111. Write down the value of ~ var1.

11101000

(2) assume that the value of var1 in binary is var1= 00010111. Write down the value of var1<<3.

(shift 3 left)

10111000

(3) assume that the value of var1 in binary is var1= 00010111. Write down the value of var1>>4.

(shift 4 right)

00000001

(4) assume that the value of var1 in binary is var1= 00010111, and the value of var2 in binary is var2=00100010. Write down the value of C&D

00010111

00100010

00000010

(5) assume that the value of var1 in binary is var1= 00010111, and the value of var2 in binary is var2=00100010. Write down the value of C|D

00010111

00100010

00110111