01.1 Convert the decimal number 153 into binary. Write your answer as an 8-bit binary nu	[1 mark]
01.2 Convert the hexadecimal number 3F into decimal. You should show your working.	[2 marks]
Answer:	
01.3 What is the result of applying a right binary shift of one to the bit pattern 00001100? If your answer as an 8 bit binary bit pattern.	[1 mark]
01.4 Explain how a binary number can be multiplied by 8 by applying binary shifts.	[2 marks]
02 Add together the following three binary numbers and give your answer in 8 bit binary	2 marks]
00110100 01000100 + 01010101	
03.1 Write down the range of decimal numbers which can be represented using 6-bit bina	ry. [1 mark]
03.2 How many bits are there in 2 bytes?	[1 mark]