

Questions

1) Two computer programs that display text on a screen are shown below:

Program A

```
OUTPUT "What is your name?"  
userentry ← USERINPUT  
OUTPUT "Hello" + userentry
```

Program B

```
0101 1010 0101 1111 1010 0101  
0111 0101 1101 1010 0110 0101  
0110 0110 0011 1100 1011 1111
```

a) Identify the program which is written in a low-level language? [1]

b) Suggest **one** reason why low-level languages are used instead of high-level languages? [1]

c) Give **one** advantage of a high-level language. [1]

d) Suggest **two** reasons why it would be better for the programmer to use assembly language than the language used for Program B. [2]