

Modify the programming language described by the attributed translation grammar for Taster by replacing the assignment operator “=” with “:=” and the relational operator “==” with “=” (used to test for equality), and then extend the language to include the three missing relational operators “!=” (not equal), “<=” and “>=” [note: the virtual machine’s instruction set will require modification], constant definitions and some form of string data type (so it is possible to use a write statement to output string values [this will also require changes to the virtual machine, see the CodeGenerator class for details]).

Named constants should be defined before variable declarations, for example:

```
program Test; {  
  
  const  
    limit = 512;  
  
  int  
    i, sum;  
  
  ...  
}
```

In addition, the functionality of the write statement should be extended to include the ability to output multiple values on a single line, etc.