1. What are the advantages of using named constants?

The advantages of using a named constant as a variable is that they are constant so they cannot be change while the program is running, because of this in the situation they are changed you will only need to change it in one place.

1. What does the term *interactive programming* mean?

Interactive programing is a program that has the ability to send

information to an receive information from the user. This is done through Display prompts that asks users to input data.

1. Which is more important: writing complicated programming code or writing programs that run correctly and efficiently?

The importance of programing should focus on writing programs that run correctly and efficiently so they can be maintained. If your program is to be useful they should be able to be modified and updated to different times and needs.

1. How do you keep track of all the variables and programming steps needed in an algorithm?

One way to keep track of all the variables and programming steps needed in an algorithm is to use a process called IPO. This method is listing the algorithm’s components in categories of input, processing, and output.