1) What does the command below do? >head -3 cs1412.txt

It will display the first 3 lines of the cs1412.txt.

2) What command to use to copy every file ending ".c" from the home directory to the current working directory?

cp *.c /usr/bin

3) What is illegal about the following program fragment? #include #define PI 3.14 int main() { double c, r; scanf("%lf %lf", &c, &r); c = 2 * PI * r ; PI = c / (2 * r); return 0; }

lvalue required as left operand of assignment.

In line 8 this is the code
PI = c / (2 * r);

Which needs to change to this
PI == c / (2 * r);

4) Write a program fragment that asks the user to enter 2 integers in two separate lines, then displays the summation of these two numbers. Sample run given below where the red bold numbers are the input from the user: Please enter number 1: 14 Please enter number 2: 5 Summation of 14 and 5 is 19.

```c
#include <stdio.h>

int main()
{
    int a, b, c;
    printf("Please enter number 1:");
    scanf("%d", &a);
    printf("Please enter number 2:");
    scanf("%d", &b);
    c = a + b;
    printf("Summation of %d and %d is %d\n", a, b, c);
    return 0;
```

}

Please enter number 1:5
Please enter number 2:14
Summation of 5 and 14 is 19