**The Two Operation Types**

Assignment

Given the following variable declarations:

**int** a=1, b=2, c=3, d=5, e=7;

**double** f=1.0, g=2.0, h=3, i=1.5;

String j="Hell", k="o";

For each variable assignment below, specify the best type for the variable and the final value assigned to it:

Example:

|  |  |  |
| --- | --- | --- |
| Type | JAVA Code | Value Assigned |
| int | ex1=b/a; | 2 |
| double | ex2=d/g; | 2.5 |

Problem Set:

|  |  |  |
| --- | --- | --- |
| Type | JAVA Code | Value Assigned |
|  | l=a/b; |  |
|  | m=a/g; |  |
|  | n=(a+b)/h; |  |
|  | o=g\*c/b; |  |
|  | p=a+b+g+"?"+a+b+g; |  |
|  | q=(**int**)i/a; |  |
|  | r=e/c+c; |  |
|  | s=e/c+h; |  |
|  | t=(a>f) || (h/b>c/b); |  |
|  | u=(a+g)/c; |  |
|  | v=""+(a+g)/c+".0"; |  |
|  | x=(**int**)(a+g)/c; |  |
|  | y=(**double**)e/b+b+"?"; |  |
|  | z="?"+(**double**)e/b+b; |  |
|  | ll=(**int**)(b\*i)+j+b\*i+k; |  |
|  | mm=j+(**int**)(h-c); |  |