**Intro to Type Conversion**

Assignment

Given the following variable declarations:

**boolean** t=**true**;

**boolean** f=**false**;

**int** i=42;

**double** d=66.6;

String foo="Foo";

String bar="Bar";

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 |
| String | ex=(i + d > 100) + "Hello"; | “trueHello” |

Problem Set:

|  |  |  |
| --- | --- | --- |
| Type | JAVA Code | Value Assigned |
|  | p1=i + d; |  |
|  | p2=(**int**)(i \* d); |  |
|  | p3=i / 2 + d + foo+bar; |  |
|  | p4=i+d+foo; |  |
|  | p5=foo + i + d; |  |
|  | p6=(**int**)d; |  |
|  | p7=t + bar; |  |
|  | p8=(t && f) + bar; |  |
|  | p9=2 \* i + d; |  |
|  | p10=(**int**)(i+d)+foo+(t || f) + bar + i + d; |  |