

Handout 3

Subject name: Programming in Java

Subject code: IT1013

Content: **Type conversion and Scope of variables**

Preparation: Java Instructors Team of
Information Technology

Acknowledgement: Google and Wiki

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Type conversion

- Type conversion
 - To convert one data type variable to another
- Types
 - Explicit – Narrowing ex: float to int
 - `float a=32f; int b; b=(int)a;`
 - Implicit- Widening ex: int to float
 - `Float a; int b=34; a=b;`

Scope and Life time of a variable

```
int outer=45;
```

```
void method()
```

```
{
```

```
int inner=23;
```

```
int sum=inner+outer;
```

```
S.o.pln(inner);
```

```
S.o.pln(outer);
```

```
S.o.pln(sum);
```

```
}
```

```
//S.o.pln(inner);//S.o.pln(sum);
```

```
S.o.pln(outer);
```

References

Refer

PPT_programs/Conversion_Scope_Day3.java