

```
alias BONUS_PAID_ASG_ITD as bal /* this balance will determine if the bonus was paid or not for the employee*/
```

```
default for bal is 0
```

```
alias ASG_SALARY as emp_sal /*the employee salary*/
```

```
default for emp_sal is 0
```

```
default for Percentage is 0 /*a default value for the input*/
```

```
inputs are percentage
```

```
rvalue = 0
```

```
err_msg= ''
```

```
rvalue = (emp_sal * Percentage / 100 )
```

```
if bal > 0 then /* if the bonus already paid within the same year , the formula will return error message */
```

```
(
```

```
err_msg = 'Annual Bonus: ' || '
```

```
Annual Bonus was already paid for this current year' || '
```

```
-----'
```

```
return rvalue,err_msg
```

```
)
```

```
else
```

```
(
```

```
return rvalue
```

```
)
```