# Flowchart for a Dependent If

```
Name:
Date:
Purpose:
```

↓

```
System
Libraries
iomanip
```

↓

```
User
Libraries
```

↓

```
Global
Constants
```

↓

```
Function
Prototypes
```

↓

( A )

( A )

↓

( main
Independent - If )

↓

```
Declare
score, grade
```

↓

/ Input
Score /

↓

<score<0 || score>100>  — true →  [ grade='I' ]

↓ (false)

<score>=90 && score<=100>  — true →  [ grade='A' ]

↓ (false)

<score>=80 && score<90>  — true →  [ grade='B' ]

↓ (false)

<score>=70 && score<80>  — true →  [ grade='C' ]

↓ (false)

<score>=60 && score<70>  — true →  [ grade='D' ]

↓ (false)

<score>=0 && score<60>  — true →  [ grade='F' ]

/ Output
Grade /

↓

( return
0 )