

Assignment - 1

```
#include <stdio.h>
```

```
struct candidate {
```

```
    int age;
```

```
    int score;
```

```
};
```

```
int validateAge(int age) {
```

```
    if (age < 0)
```

```
        return -1;
```

```
    else
```

```
        return 1;
```

```
}
```

```
int validateScore(int score) {
```

```
    if (score < 0 || score > 100)
```

```
        return -1;
```

```
    else
```

```
        return 1;
```

```
}
```

```
int qualify(int age, int score) {
```

```
    if (age > 20 & score >= 65)
```

```
        return 1;
```

```
    else
```

```
        return 0;
```

```
}
```

```
int main(void) {
```

```
    struct candidate s;
```

```
    int checkAge, checkScore, qualified;
```

```
printf("Enter age & score\n");  
scanf("%d %d", &s.age, &s.score);  
checkAge = validateAge(s.age);  
checkScore = validateScore(s.score);  
if (checkAge == 1 && checkScore == 1)  
    qualified = qualify(s.age, s.score);  
    if (qualified == 1)  
        printf("Qualified !!");  
    else  
        printf("Not Qualified");  
} else  
    printf("Invalid age or score");  
}
```