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/ Algorithm: i.Create marks and grade variable.

/ 2.Take marks from the user.

/ 3.Check if marks are between 0 and 100.

/ 4.Assign grade using a ternary operator based on marks.

/ 5.Display grade message using sactio-case.

/ 6.Check and display eligibility using if-else.

/ 7.Ind.

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resulf()

int mark;

thus grade;

cout << "forther your marks (0 - 100): ";

cin >> marks;

if (marks >= 0 && marks <= 100)

{ cout << "Valid marks." << end1;

} }

grade = (marks >= 0 && marks <= 100) / "( carks >= 10 && marks <= 20) / "0"

| (carks >= 70 && marks <= 20) / "0"

| (carks >= 70 && marks <= 20) / "0"

| (carks >= 70 && marks <= 20) / "0"

| (carks >= 70 && marks <= 20) / "0"

| (carks >= 70 && marks <= 20) / "0"

| (carks >= 70 && marks <= 20) / "0"

| (carks >= 70 && marks <= 20) / "0"

| (carks >= 70 && marks <= 20) / "0"

| (cark >= 60 && marks <= 20) / "0"

| (cark >= 60 && marks <= 20) / "0"

| (cark >= 60 && marks <= 20) / "0"

| (cark >= 60 && marks <= 20) / "0"

| (cark >= 60 && marks <= 20) / "0"

| (cark >= 60 && marks <= 20) / "0"

| (cark >= 60 && marks <= 20) / "0"

| (cark >= 70 && marks <= 20) / "0"

| (cark >= 70 && marks <= 20) / "0"

| (cark >= 70 && marks <= 20) / "0"

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| (cark >= 70 && marks <= 20) / "0"

| (cark >= 70 && marks <= 20) / "0"

| (cark >= 70 && marks <= 20) / "0"

| (cark >= 70 && marks <= 20) / "0"

| (cark >= 70 && marks <= 20) / "0"

| (cark >= 70 && marks <= 20) / "0"

| (cark >= 70 && marks <=
```

