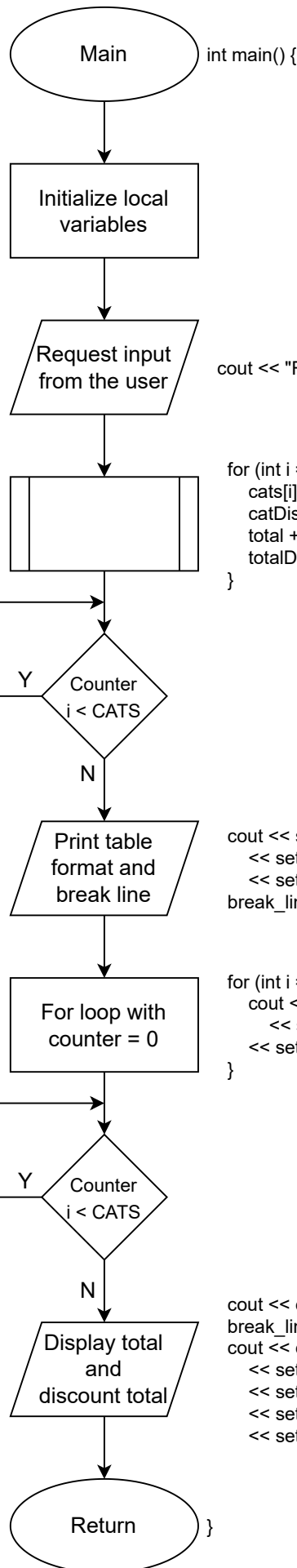


```
int
  day = 0,
  time = 0;
//
float
  distanceCost = 0.00f,
  milesDriven = 0.00f,
  lunchMiles = 0.00f,
  waitingCost = 0.00f,
  waitMinutes = 0.00f,
  totalCost = 0.00f,
  subtotalCost = 0.00f,
  discountCost = 0.00f;
//
bool
  lunchFlag = false,
  lunchOverFlag = false,
  discountFlag = false,
  weekendFlag = false;
```



```
int main() {
```

```
cout << "Rectangle 1:\n" << PROMPT1
```

```
for (int i = 0; i < CATS; i++) {
  cats[i] = prompt(i);
  catDisc[i] = round(CAT_DISC[i] * cats[i] * 100.0f) / 100.0f;
  total += cats[i];
  totalDisc += catDisc[i];
}
```

```
cout << setw(COL_1_WIDTH) << left << "\nCategory"
  << setw(COL_2_WIDTH + 1) << right << "Amount"
  << setw(COL_3_WIDTH + 1) << "Discount\n";
break_line();
```

```
for (int i = 0; i < CATS; i++) {
  cout << endl << setw(COL_1_WIDTH) << left << CAT[i]
    << setw(COL_2_WIDTH) << right << cats[i]
    << setw(COL_3_WIDTH) << catDisc[i];
}
```

```
cout << endl;
break_line();
cout << endl
  << setw(COL_1_WIDTH + COL_2_WIDTH - (MAX_DIGITS)) << "$"
  << setw(MAX_DIGITS) << total
  << setw(COL_3_WIDTH - (MAX_DIGITS)) << "$"
  << setw(MAX_DIGITS) << totalDisc;
```

```
}
```

