```
create database onlinesales;
select * from online_retail;
select sum(Amount) from online_retail;
```

sum(Amount)
30654.080000000144

```
SELECT
    COUNT(DISTINCT CustomerID) AS UniqueCustomers
FROM
    online_retail;
```

UniqueCustomers
64

```
SELECT
    *
FROM
    online_retail
ORDER BY Amount;
```

InvoiceNo	StockCode	Description	InvoiceDate	CustomerID	Country	Amount
536464	21985	PACK OF 12 HEARTS DESIGN TISSUES	12/1/2010 12:23	17968	United Kingdom	0.29
536464	21980	PACK OF 12 RED RETROSPOT TISSUES	12/1/2010 12:23	17968	United Kingdom	0.29
536528	22616	PACK OF 12 LONDON TISSUES	12/1/2010 13:17	15525	United Kingdom	0.29
536409	22531	MAGIC DRAWING SLATE CIRCUS PARADE	12/1/2010 11:45	17908	United Kingdom	0.42
536464	16258A	SWIRLY CIRCULAR RUBBERS IN BAG	12/1/2010 12:23	17968	United Kingdom	0.42
536522	22151	PLACE SETTING WHITE HEART	12/1/2010 12:49	15012	United Kingdom	0.42
536401	82580	BATHROOM METAL SIGN	12/1/2010 11:21	15862	United Kingdom	0.55
536401	82578	KITCHEN METAL SIGN	12/1/2010 11:21	15862	United Kingdom	0.55
536464	21977	PACK OF 60 PINK PAISLEY CAKE CASES	12/1/2010 12:23	17968	United Kingdom	0.55
536464	21212	PACK OF 72 RETROSPOT CAKE CASES	12/1/2010 12:23	17968	United Kingdom	0.55
536520	22917	HERB MARKER ROSEMARY	12/1/2010 12:43	14729	United Kingdom	0.65
536520	22916	HERB MARKER THYME	12/1/2010 12:43	14729	United Kingdom	0.65
536415	21916	SET 12 RETRO WHITE CHALK STICKS	12/1/2010 11:57	12838	United Kingdom	0.84
536522	22151	PLACE SETTING WHITE HEART	12/1/2010 12:49	15012	United Kingdom	0.84
536525	17164B	ASS COL SMALL SAND GECKO P'WEIGHT	12/1/2010 12:54	14078	United Kingdom	0.84
536381	22262	FELT EGG COSY CHICKEN	12/1/2010 9:41	15311	United Kingdom	0.85
536381	22261	FELT EGG COSY WHITE RABBIT	12/1/2010 9:41	15311	United Kingdom	0.85
536381	84832	ZINC WILLIE WINKIE CANDLE STICK	12/1/2010 9:41	15311	United Kingdom	0.85

```
SELECT
    *
FROM
    online_retail
    having Amount >50
ORDER BY Amount limit 10 ;
```

	InvoiceNo	StockCode	Description	InvoiceDate	CustomerID	Country	Amount
▶	536532	82600	NO SINGING METAL SIGN	12/1/2010 13:24	12433	Norway	50.4
	536532	85152	HAND OVER THE CHOCOLATE SIGN	12/1/2010 13:24	12433	Norway	50.4
	536532	84375	SET OF 20 KIDS COOKIE CUTTERS	12/1/2010 13:24	12433	Norway	50.4
	536378	21212	...OF 72 RETROSPOT CAKE CASES	12/1/2010 9:37	14688	United Kingdom	50.4
	536533	22797	CHEST OF DRAWERS GINGHAM HEART	12/1/2010 13:31	16955	United Kingdom	50.85
	536390	21533	RETROSPOT LARGE MILK JUG	12/1/2010 10:19	17511	United Kingdom	51
	536526	22624	IVORY KITCHEN SCALES	12/1/2010 12:58	14001	United Kingdom	51
	536526	22625	RED KITCHEN SCALES	12/1/2010 12:58	14001	United Kingdom	51
	536389	22941	CHRISTMAS LIGHTS 10 REINDEER	12/1/2010 10:03	12431	Australia	51
	536514	22485	SET OF 2 WOODEN MARKET CRATES	12/1/2010 12:40	17951	United Kingdom	51

```
SELECT
    *,
    EXTRACT(MONTH FROM STR_TO_DATE(InvoiceDate, '%m/%d/%Y %H:%i')) AS
Month
FROM
    online_retail;
```

	InvoiceNo	StockCode	Description	InvoiceDate	CustomerID	Country	Amount	Month
	536532	22540	MINI JIGSAW CIRCUS PARADE	12/1/2010 13:24	12433	Norway	10.08	12
	536532	22539	MINI JIGSAW DOLLY GIRL	12/1/2010 13:24	12433	Norway	10.08	12
	536532	22534	MAGIC DRAWING SLATE SPACEBOY	12/1/2010 13:24	12433	Norway	10.08	12
	536532	22530	MAGIC DRAWING SLATE DOLLY GIRL	12/1/2010 13:24	12433	Norway	10.08	12
	536532	22531	MAGIC DRAWING SLATE CIRCUS PARADE	12/1/2010 13:24	12433	Norway	10.08	12
	536532	22561	WOODEN SCHOOL COLOURING SET	12/1/2010 13:24	12433	Norway	39.6	12
	536532	22489	PACK OF 12 TRADITIONAL CRAYONS	12/1/2010 13:24	12433	Norway	10.08	12
	536532	22814	CARD PARTY GAMES	12/1/2010 13:24	12433	Norway	5.04	12
	536532	21520	BOOZE & WOMEN GREETING CARD	12/1/2010 13:24	12433	Norway	5.04	12
	536532	21506	FANCY FONT BIRTHDAY CARD,	12/1/2010 13:24	12433	Norway	5.04	12
	536532	22716	CARD CIRCUS PARADE	12/1/2010 13:24	12433	Norway	5.04	12
	536532	22866	HAND WARMER SCOTTY DOG DESIGN	12/1/2010 13:24	12433	Norway	25.2	12
	536532	22632	HAND WARMER RED RETROSPOT	12/1/2010 13:24	12433	Norway	25.2	12
	536532	22865	HAND WARMER OWL DESIGN	12/1/2010 13:24	12433	Norway	25.2	12
	536532	22114	HOT WATER BOTTLE TEA AND SYMPATHY	12/1/2010 13:24	12433	Norway	31.6	12
	536532	21982	PACK OF 12 SUKI TISSUES	12/1/2010 13:24	12433	Norway	13.92	12
	536532	21981	PACK OF 12 WOODLAND TISSUES	12/1/2010 13:24	12433	Norway	13.92	12
	536532	21967	PACK OF 12 SKULL TISSUES	12/1/2010 13:24	12433	Norway	13.92	12

```
SELECT
    EXTRACT(YEAR FROM STR_TO_DATE(InvoiceDate, '%m/%d/%Y %H:%i')) AS
Year,
    EXTRACT(MONTH FROM STR_TO_DATE(InvoiceDate, '%m/%d/%Y %H:%i')) AS
Month,
    COUNT(*) AS OrderCount
FROM
    online_retail
GROUP BY
    Year, Month
ORDER BY
    Year, Month;
```

Year	Month	OrderCount
2010	12	1357

1357