

Create Stored Procedure - NumbersOnly

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Stored procedure used to filter out all data that does not include numbers. Useful for importing data into integer fields.

```
IF OBJECT_ID(N'NumbersOnly', N'FN') IS NOT NULL
```

```
    DROP FUNCTION [dbo].[NumbersOnly]
```

```
GO
```

```
SET ANSI_NULLS ON
```

```
GO
```

```
SET QUOTED_IDENTIFIER ON
```

```
GO
```

```
CREATE FUNCTION [dbo].[NumbersOnly]
```

```
(
```

```
    -- Add the parameters for the function here
```

```
    @instr varchar(50)
```

```
)
```

```
RETURNS nvarchar(50)
```

```
AS
```

```
BEGIN
```

```
    -- Declare the return variable here
```

```
DECLARE @Result nvarchar(50), @position int
```

```
SET @position = 1
```

```
SET @Result = ''
```

```
WHILE @position <= DATALENGTH(@instr)
```

```
    BEGIN
```

```
        IF ASCII(SUBSTRING(@instr, @position, 1)) BETWEEN 48 AND 57
```

```
            SET @Result = @Result + SUBSTRING(@instr, @position, 1)
```

```
            SET @position = @position + 1
```

```
    END
```

```
    RETURN @Result
```

```
END
```

```
GO
```
