set nocount on

declare @svrName varchar(255),

@sql varchar(400)

IF OBJECT\_ID('tempdb..#output') IS NOT NULL

DROP TABLE #output

IF OBJECT\_ID('tempdb..##result') IS NOT NULL

DROP TABLE ##result

--by default it will take the current server name, we can the set the server name as well

set @svrName = @@SERVERNAME

set @sql = 'powershell.exe -c "Get-WmiObject -ComputerName ' + QUOTENAME(@svrName,'''') + ' -Class Win32\_Volume -Filter ''DriveType = 3'' | select name,capacity,freespace | foreach{$\_.name+''|''+$\_.capacity/1048576+''%''+$\_.freespace/1048576+''\*''}"'

--creating a temporary table

CREATE TABLE #output

(line varchar(255))

--inserting disk name, total space and free space value in to temporary table

insert #output EXEC xp\_cmdshell @sql

--script to retrieve the values in MB from PS Script output

select @svrName as 'Servername '

,GETDATE() as 'Date '

,rtrim(ltrim(SUBSTRING(line,1,CHARINDEX('|',line) -1))) as 'Drivename'

,round(cast(rtrim(ltrim(SUBSTRING(line,CHARINDEX('|',line)+1,

(CHARINDEX('%',line) -1)-CHARINDEX('|',line)) )) as Float),0) as 'Capacity(MB)'

,round(cast(rtrim(ltrim(SUBSTRING(line,CHARINDEX('%',line)+1,

(CHARINDEX('\*',line) -1)-CHARINDEX('%',line)) )) as Float),0) as 'Freespace(MB)'

,round((((round(cast(rtrim(ltrim(SUBSTRING(line,CHARINDEX('%',line)+1,

(CHARINDEX('\*',line) -1)-CHARINDEX('%',line)) )) as Float),0))/

(round(cast(rtrim(ltrim(SUBSTRING(line,CHARINDEX('|',line)+1,

(CHARINDEX('%',line) -1)-CHARINDEX('|',line)) )) as Float),0)))\*100),2) as 'ProtcentNotUsed'

into ##result

from #output

where line like '[A-Z][:]%'

order by drivename

if exists (select top 1 1 from ##result where ProtcentNotUsed <=100)

begin

DECLARE @xml NVARCHAR(MAX)

DECLARE @body NVARCHAR(MAX)

SET @xml = CAST(( SELECT [ServerName] AS 'td','',[Date] AS 'td','',

[DriveName] AS 'td','', cast ([Capacity(MB)] as int) AS 'td','', cast([Freespace(MB)] as int) AS 'td','', cast([ProtcentNotUsed] as int) AS 'td'

from ##result where ProtcentNotUsed >=10

FOR XML PATH('tr'), ELEMENTS ) AS NVARCHAR(MAX))

SET @body ='<html><body><H3>Info</H3>

<table border = 1>

<tr>

<th> Server Name </th> <th> Date </th> <th> Driver Name </th> <th> Capacity(MB) </th> <th> Freespace(MB) </th> <th> ProtcentNotUsed </th></tr>'

SET @body = @body + @xml +'</table></body></html>'

EXEC msdb.dbo.sp\_send\_dbmail

--@profile\_name = 'SQL ALERTING', -- replace with your SQL Database Mail Profile

@body = @body,

@body\_format ='HTML',

@recipients = 'dmitry.ivanov@mysale.com', -- replace with your email address

@subject = 'Low free disk space on server!' ;

end