

```
#!/bin/bash

# Checking command line argument for output result filename
RESULT=$1
if [ -z "$RESULT" ]; then
    RESULT=holidays.txt
fi
echo Output to $RESULT

# Getting current year
year=`date +%Y`

# Iterating over months
for (( m=1; m<=12; m++ ))
do
    # Getting number of days in month of the year
    days=`cal $m $year | egrep -v [a-z] | wc -w`

    # Iterating over days in month
    for (( d=1; d<=$days; d++ ))
    do
        # Building link to query and parse
        link="http://www.calend.ru/holidays/$m-$d/"

        # Indicator for block of holidays
        found_block=false

        # Getting page by the link, reading it line by line
        wget -q -O- $link | while read line
        do
            if $found_block ; then
                # Grepping links to holidays, then grepping the ones that have img next to them
                # so they have holiday name, then cutting the holiday name
                # and then appending it with date to result file
            fi
        done
    done
done
```

```

echo $line | grep 'a href="/holidays/0' | grep 'img' | while read title_line
do
    awk -F ' ">|</a>' '{print $2}'
    title=`echo $title_line | awk -F ' ">|</a>' '{print $2}'`
    country=`echo $title_line | awk -F "title='|' width=" '{print $2}'`

    # Output result
    echo "$year/$m/$d $title ($country)" >> $RESULT

done
else
    # Checking if "pad" is found on the line - that is the css class of the div with our
block
    if [[ $line == *\"pad\"* ]] ; then
        found_block=true
    fi
fi
done

echo Processed $d-$m-$year
done
done

echo Shuffling the file
shuf -o $RESULT $RESULT

echo Done!

```