

Module Programmation Internet.

Correction TD 4

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Exercice 1.

```
#!/usr/bin/perl -w

die "Fichier dates.txt vide" if (-z "dates.txt");
open FICHIER, "dates.txt" or die "Fichier dates.txt inexistant";
@dates = <FICHIER>;
close FICHIER;

chomp @dates;

($jour,$mois,$annee) = split /\//, shift(@dates);
foreach (@dates)
{
    @date = split /\//;
    if ( $date[2] > $annee ||
        ($date[2] == $annee && $date[1] > $mois) ||
        ($date[2] == $annee && $date[1] == $mois && $date[0] > $jour) )
    {
        ($jour,$mois,$annee) = @date;
    }
}

print "La date la plus recente est : $jour/$mois/$annee\n";
```

Exercice 2.

```
<html>

<head>
<title>Recherche informations</title>
</head>

<body>
<form action="/cgi-bin/recherche.pl"
      name="Recherche">
Nom d'un employé :
<input type="text" name="nom">
<br>
Numéro de semaine :
<input type="text" name="semaine">
<br>
```

```

<input type="submit" value="Envoyer">
</form>
</body>
</html>

#!/usr/bin/perl

require "cgi-lib.pl";

ReadParse();

$nom_employe = $in{nom};
$numero_semaine = $in{semaine};

#Verification du numero de semaine
if ($numero_semaine < 1 || $numero_semaine > 52)
{
    print "Content-type: text/html\r\n\r\n";
    print "<html>";
    print "<head><title>Erreur</title></head>";
    print "<body><p>Num&eacute;ro de semaine incorrect</p></body>";
    print "</html>";
    exit;
}

$employe_present = 0;
@activites = ();

open FICHIER,"agenda.txt";
while (<FICHIER>)
{
    @donnees = split /:/;
    if ($donnees[2] eq $nom_employe)
    {
        $employe_present = 1;
        if ($donnees[0] == $numero_semaine)
        {
            push @activites,$_;
        }
    }
}
close FICHIER;

if (! $employe_present)
{
    print "Content-type: text/html\r\n\r\n";
    print "<html>";
    print "<head><title>Erreur</title></head>";
    print "<body><p>Personne absente de l'agenda</p></body>";
    print "</html>";
    exit;
}

if (! @activites)
{
    print "Content-type: text/html\r\n\r\n";
    print "<html>";
    print "<head><title>Pas d'activite</title></head>";
    print "<body><p>Aucune activit&eacute; dans l'agenda ";
    print "pour $nom_employe dans la semaine $numero_semaine</p></body>";
    print "</html>";
    exit;
}

```

```

}

@jours = ("lundi","mardi","mercredi","jeudi","vendredi","samedi","dimanche");

print "Content-type: text/html\r\n\r\n";
print "<html>";
print "<head><title>$nom_employe - $numero_semaine</title></head>";
print "<body><p>";
print "<table border='1'><caption>Activit&eacute;"; (@activites > 1)? "s" :
"", "</caption>";
print "<tr><th>Nom activit&eacute; </th><th>Jour</th><th>Horaire</th><th>Dur&ea-
cute;e</th></tr>";
chomp @activites; #Pas necessaire
foreach (@activites)
{
    @donnees = split /:/;
    print "<tr><td>";
    print "$donnees[3]";
    print "</td>";
    print "<td>$jours[$donnees[1]-1]</td>";
    print "<td>$donnees[4]</td>";
    ($debut) = ( $donnees[4] =~ /\^(\\d+)/ );
    ($fin) = ( $donnees[4] =~ /(\\d+)h$/ );
    print "<td>",$fin-$debut,"</td>";
    print "</tr>";
}
print "</table>";
print "</p></body>";
print "</html>";

```

Exercise 3.

```

#!/usr/bin/perl -w

if (! -e "dates.txt")
{
    open FICHIER,">dates.txt";
    print FICHIER "12/4/2005\n";
    close FICHIER;
}
else
{
    open FICHIER,"dates.txt";
    @dates = <FICHIER>;
    close FICHIER;

    unshift @dates,"12/4/2005\n";

    open FICHIER,">dates.txt";
    print FICHIER foreach (@dates);
    close FICHIER;
}

```

Exercise 4.

```

/^(Mme|Mlle|M\\.)/

/^[+0-9]/

/\\$/

/^[A-Za-z]/

```

Exercice 5.

```
($premier,$deuxieme) = ( $s =~ /^(.)(.)/ );  
($premier,$deuxieme) = ($s =~ /^[^a-zA-Z]*([a-zA-Z]+)[^a-zA-Z]+([a-zA-Z]+)/ );  
($dernier) = ( $s =~ /(\D)\d*$/ );
```

Exercice 6.

```
$s =~ s/ +$//;  
$s =~ s/^http:\\\\//;
```